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FIG. 1

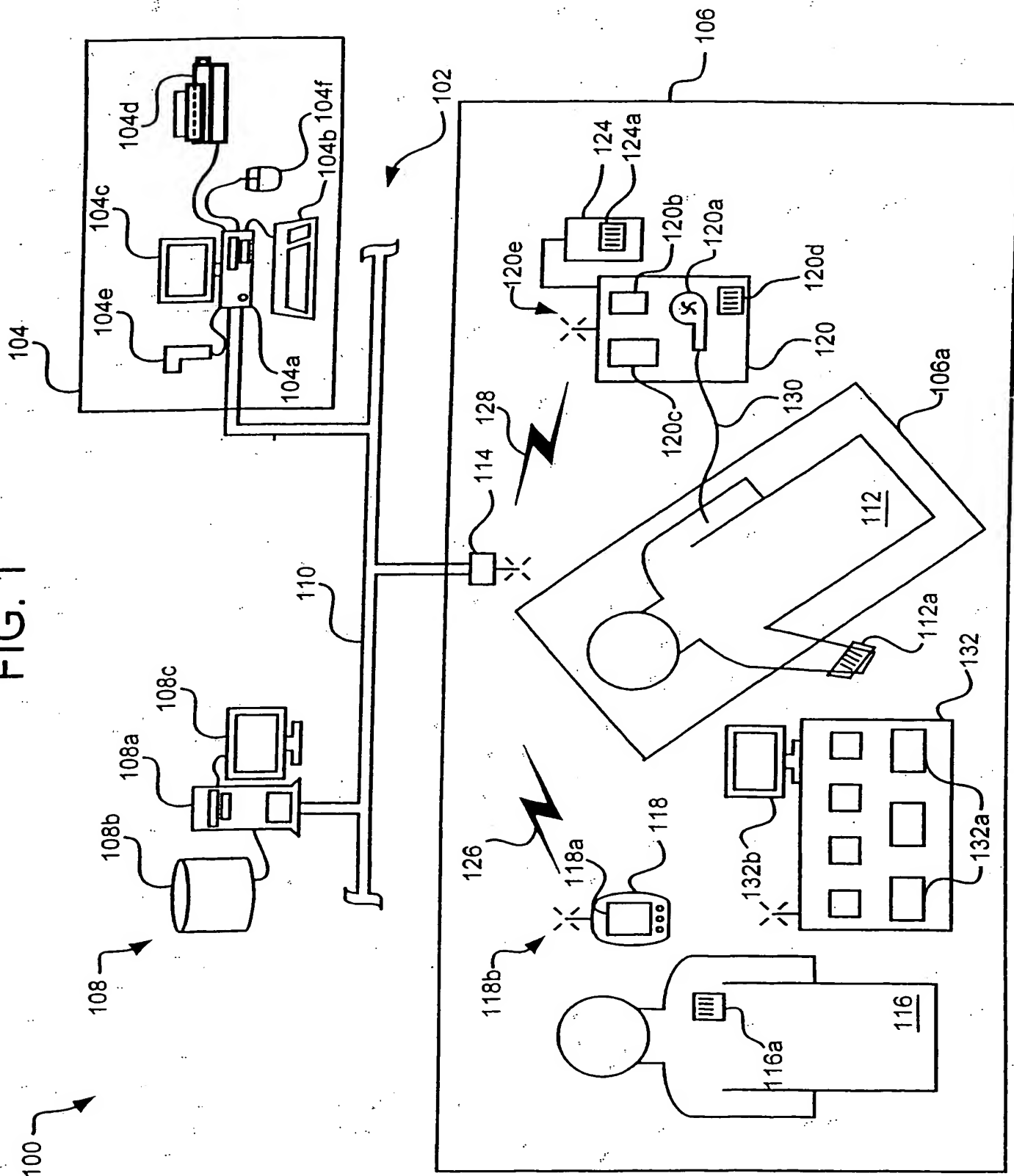


FIG. 2

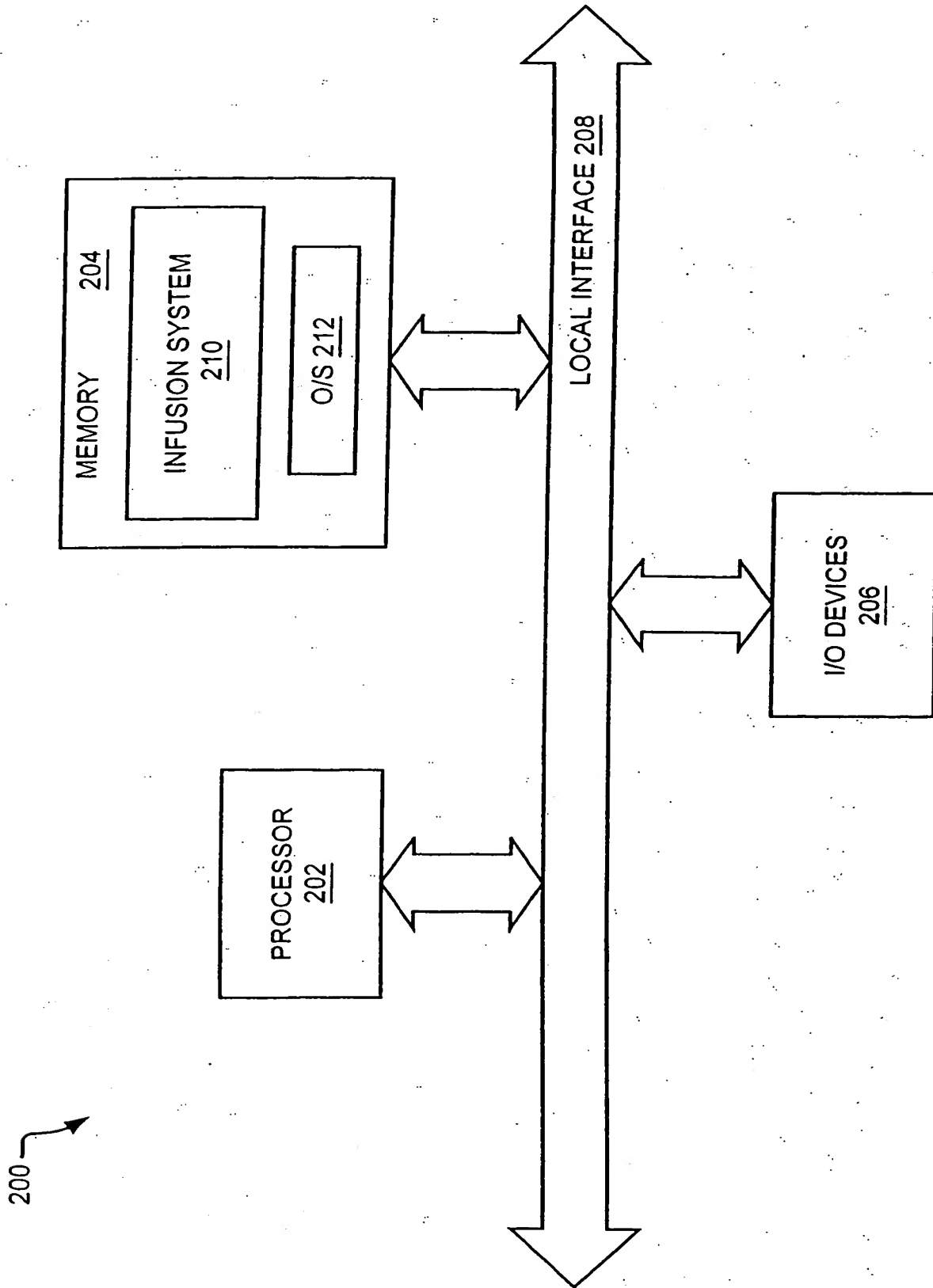
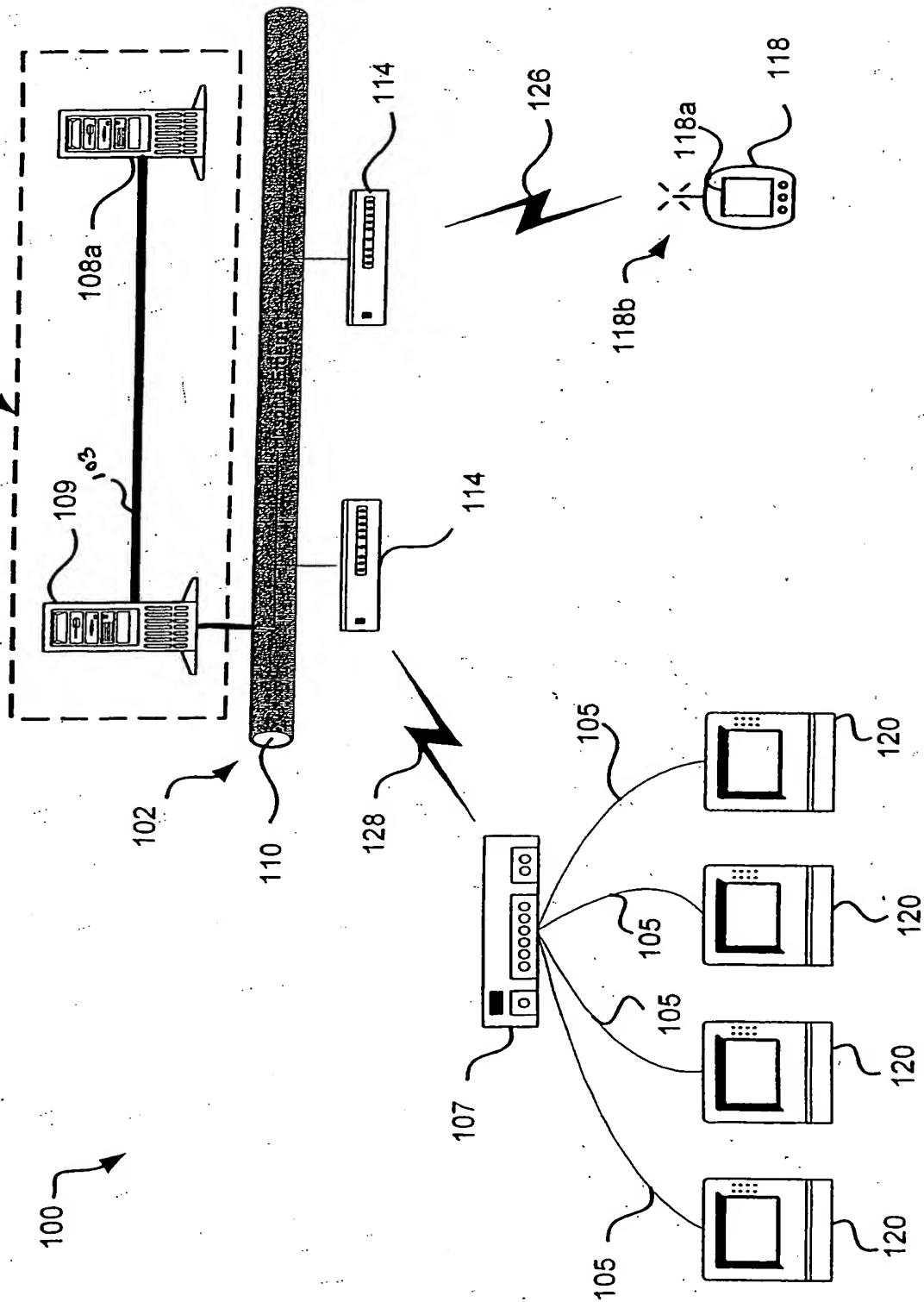


FIG. 3



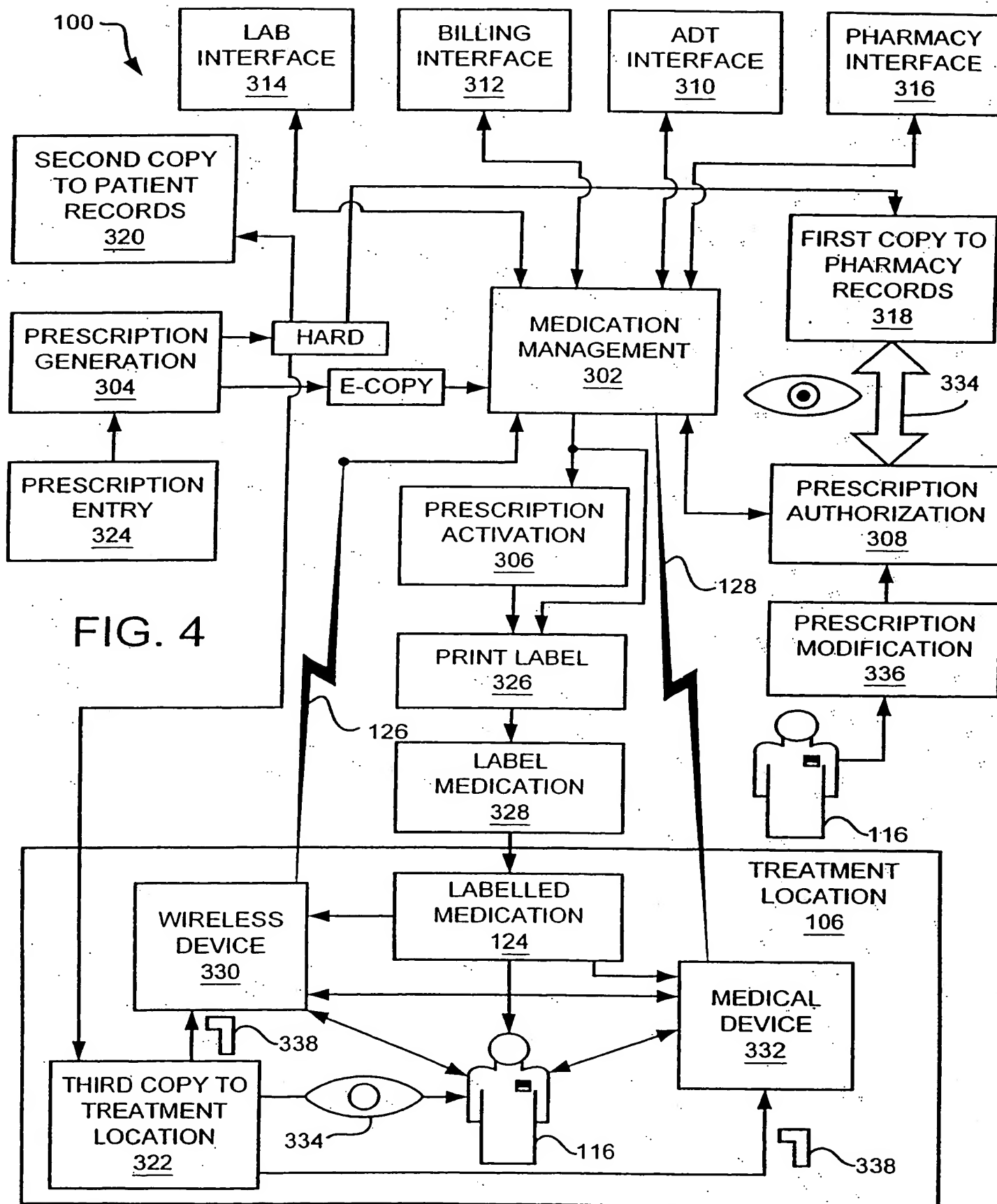


FIG. 5

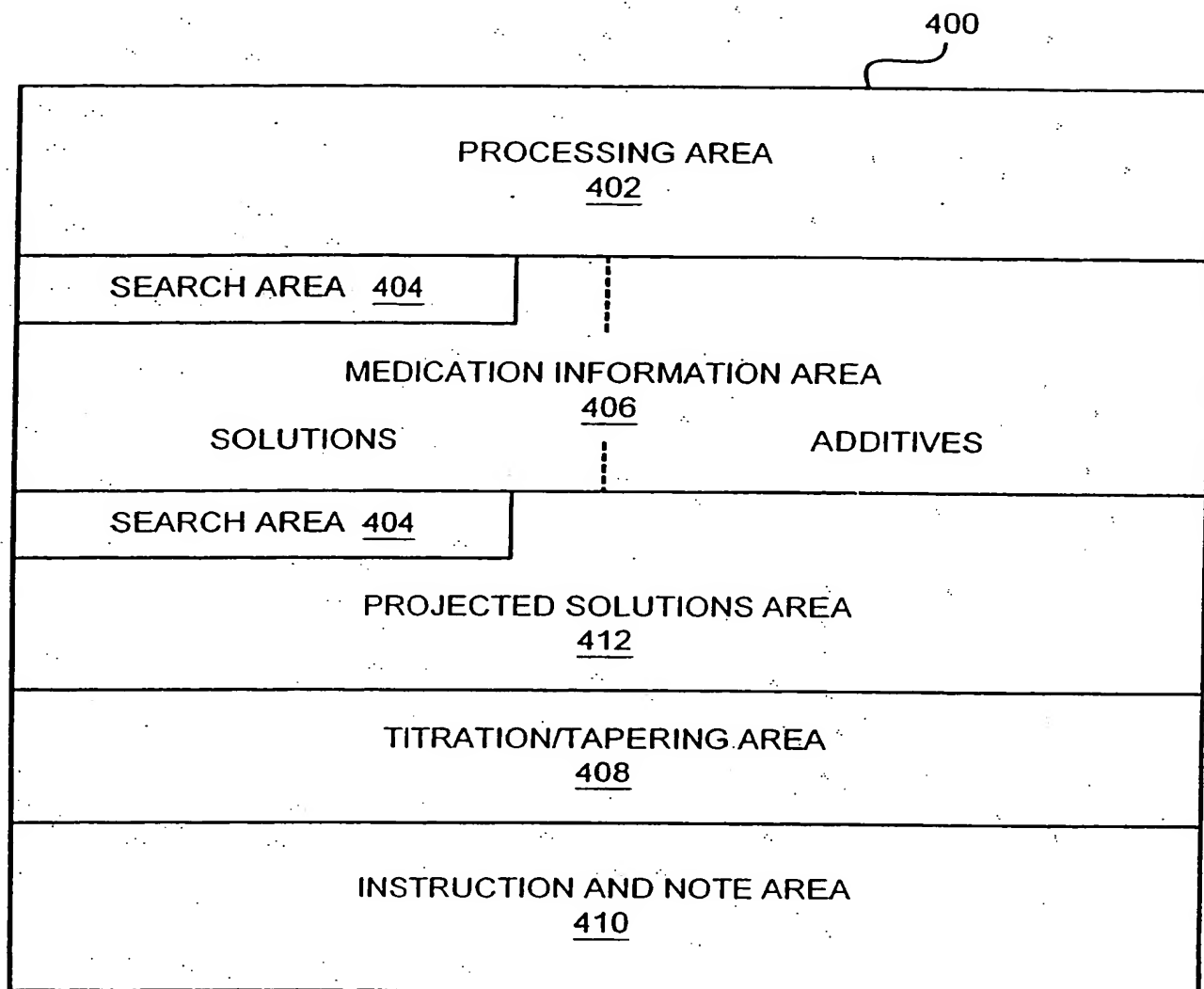
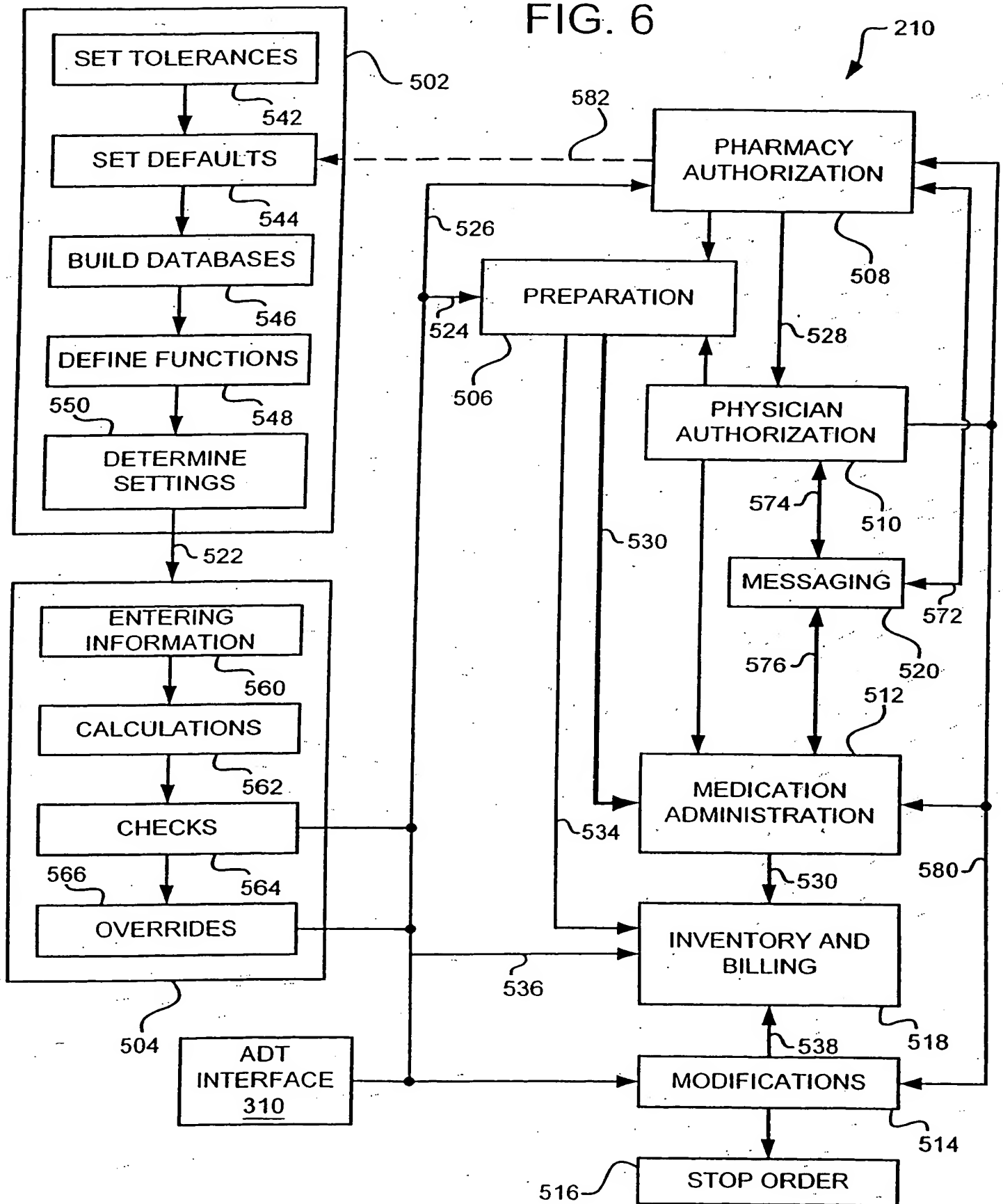


FIG. 6



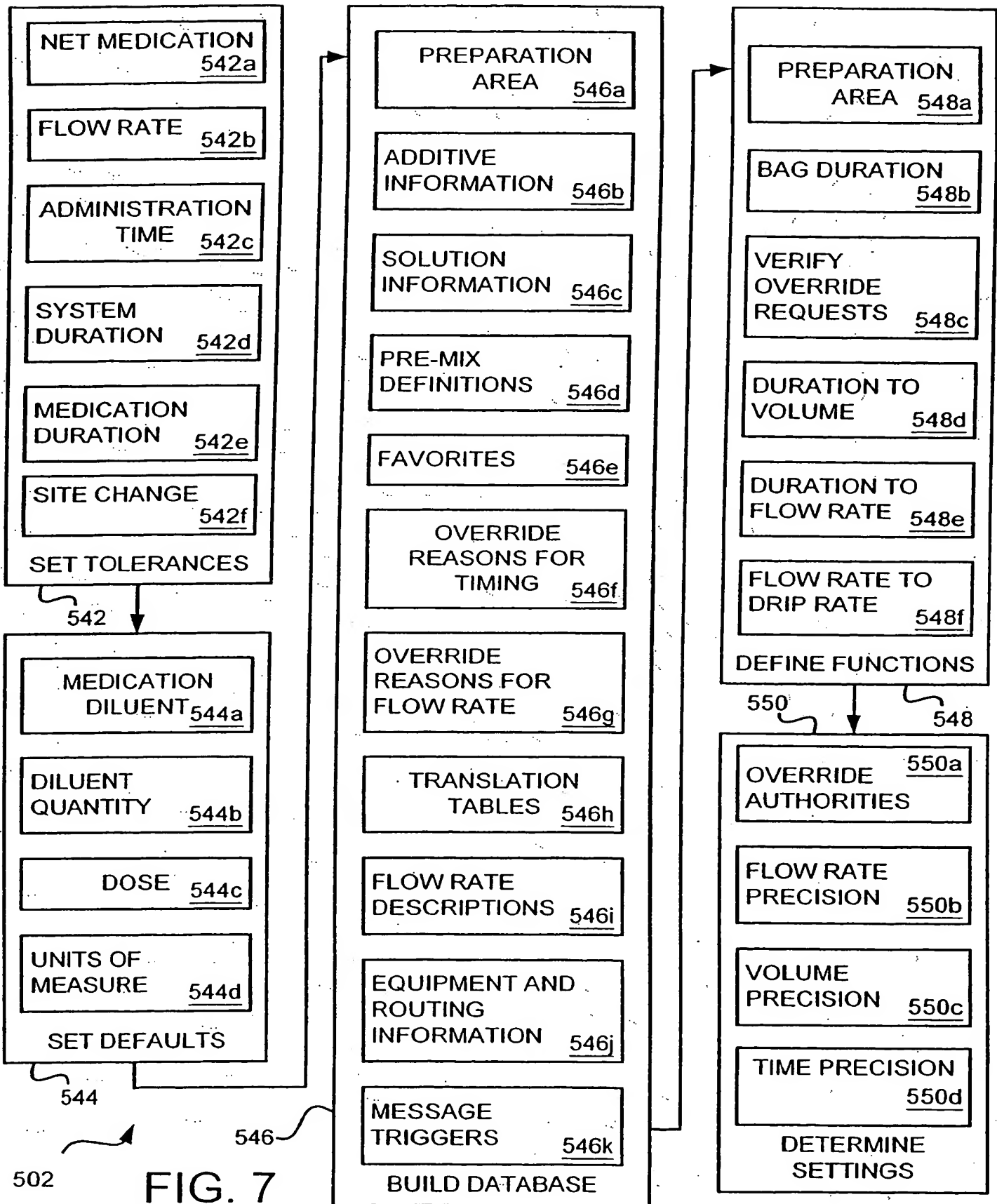


FIG. 8

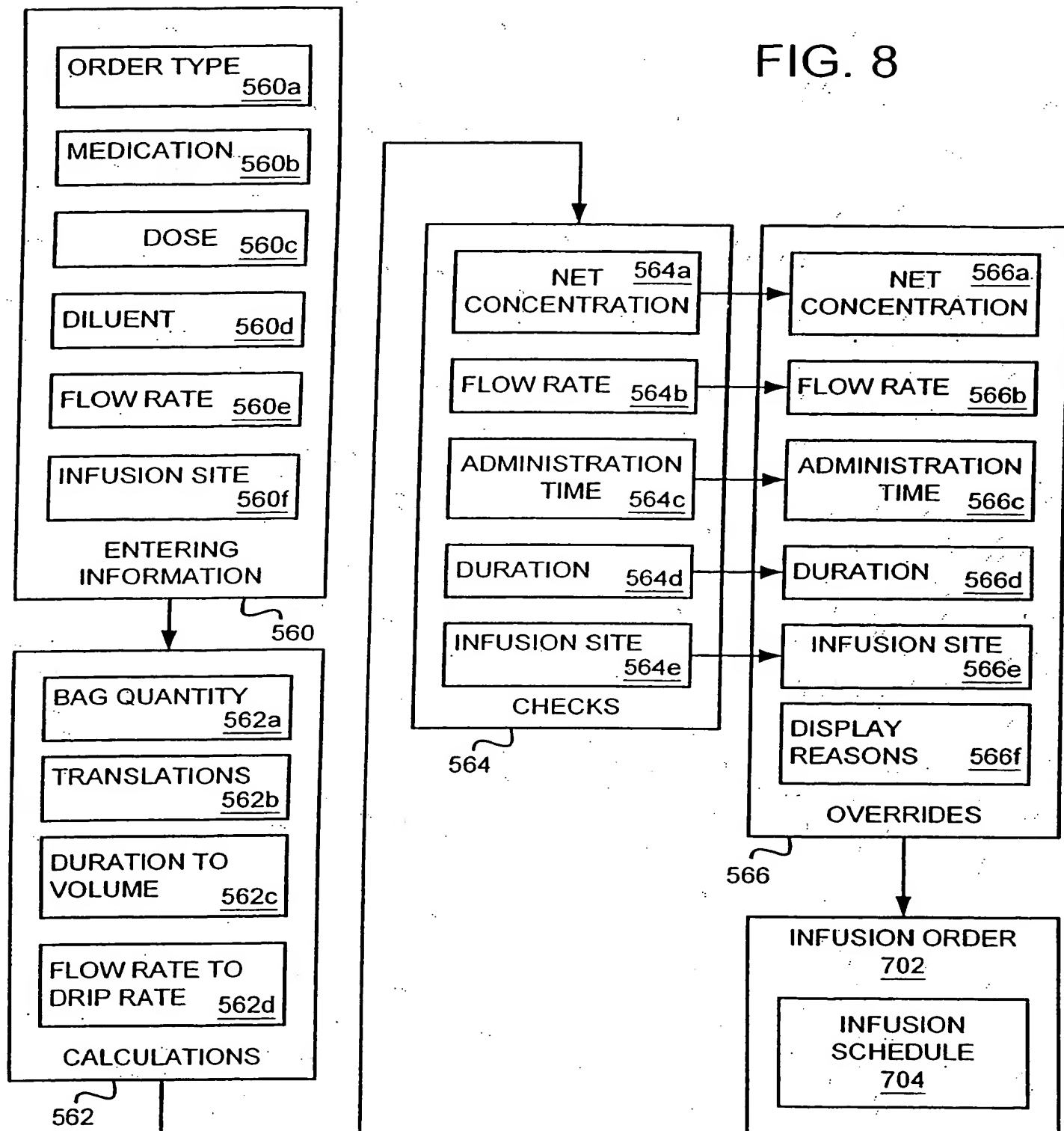


FIG. 9

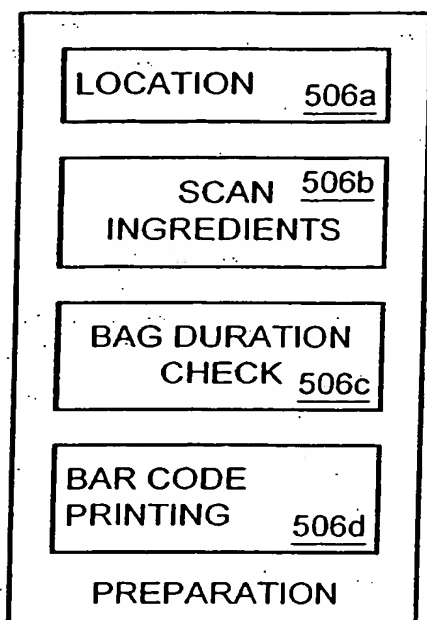
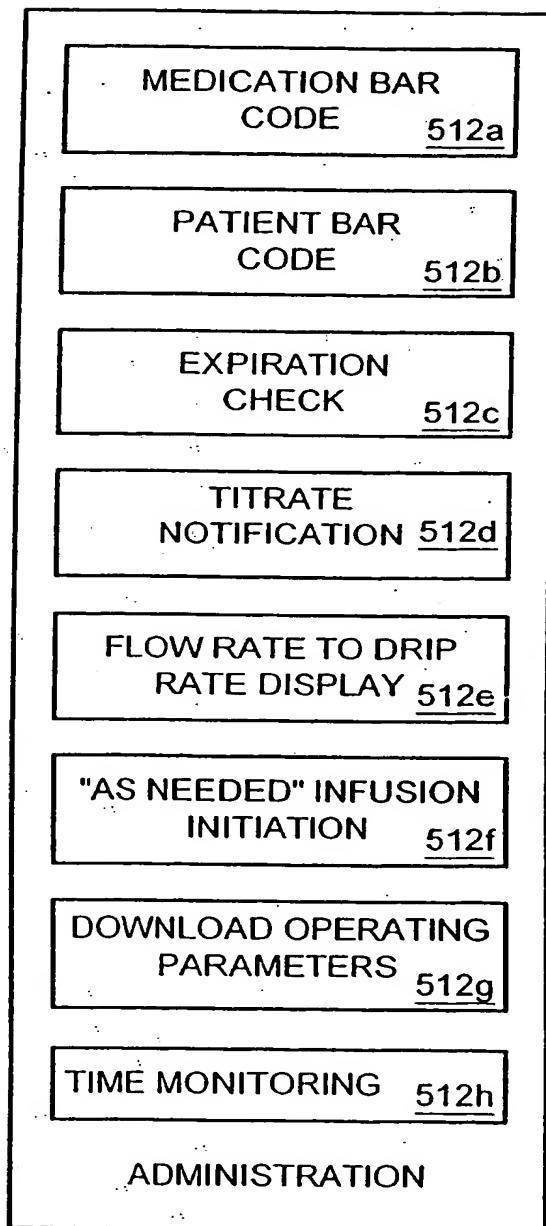
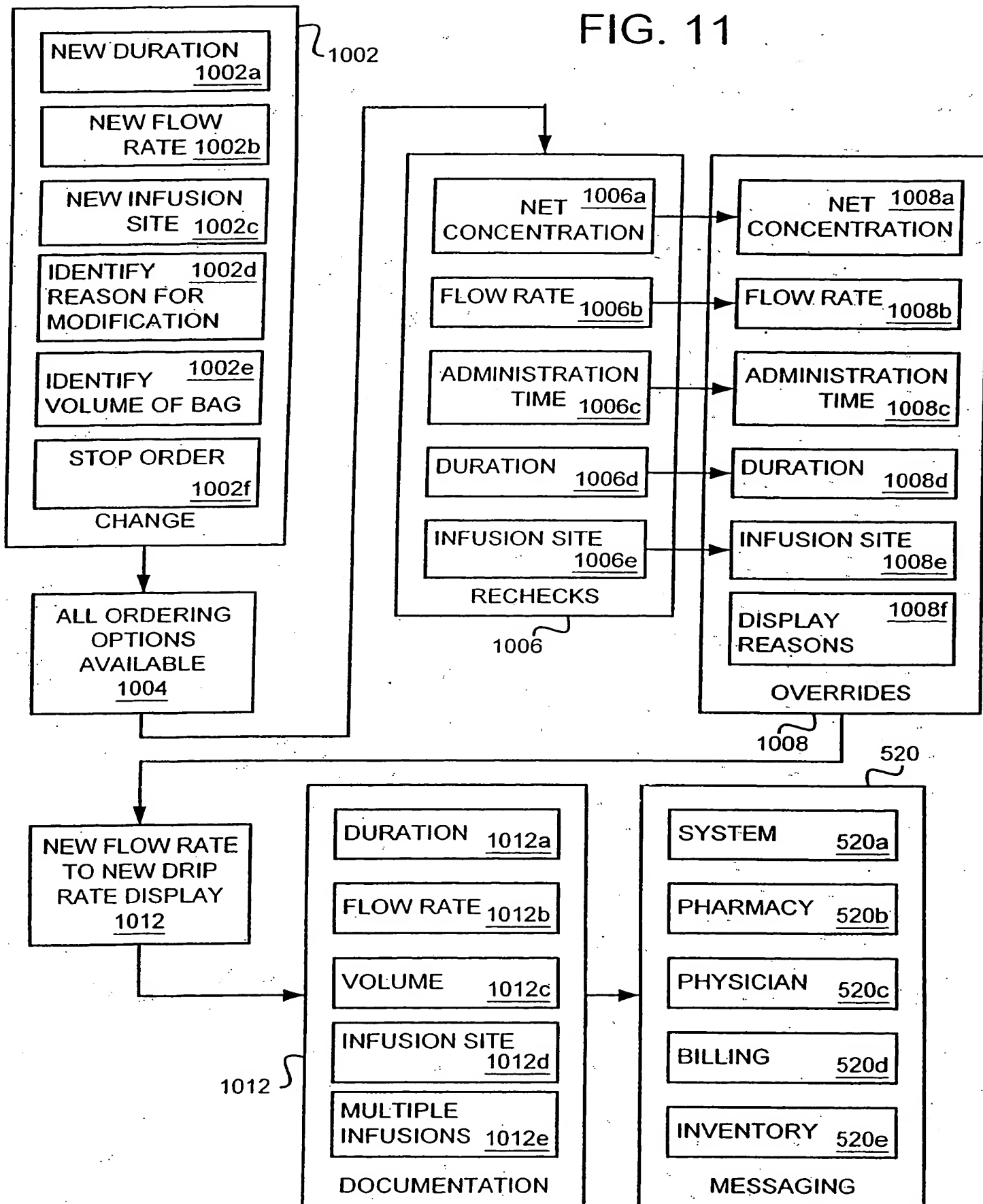


FIG. 10



512

FIG. 11



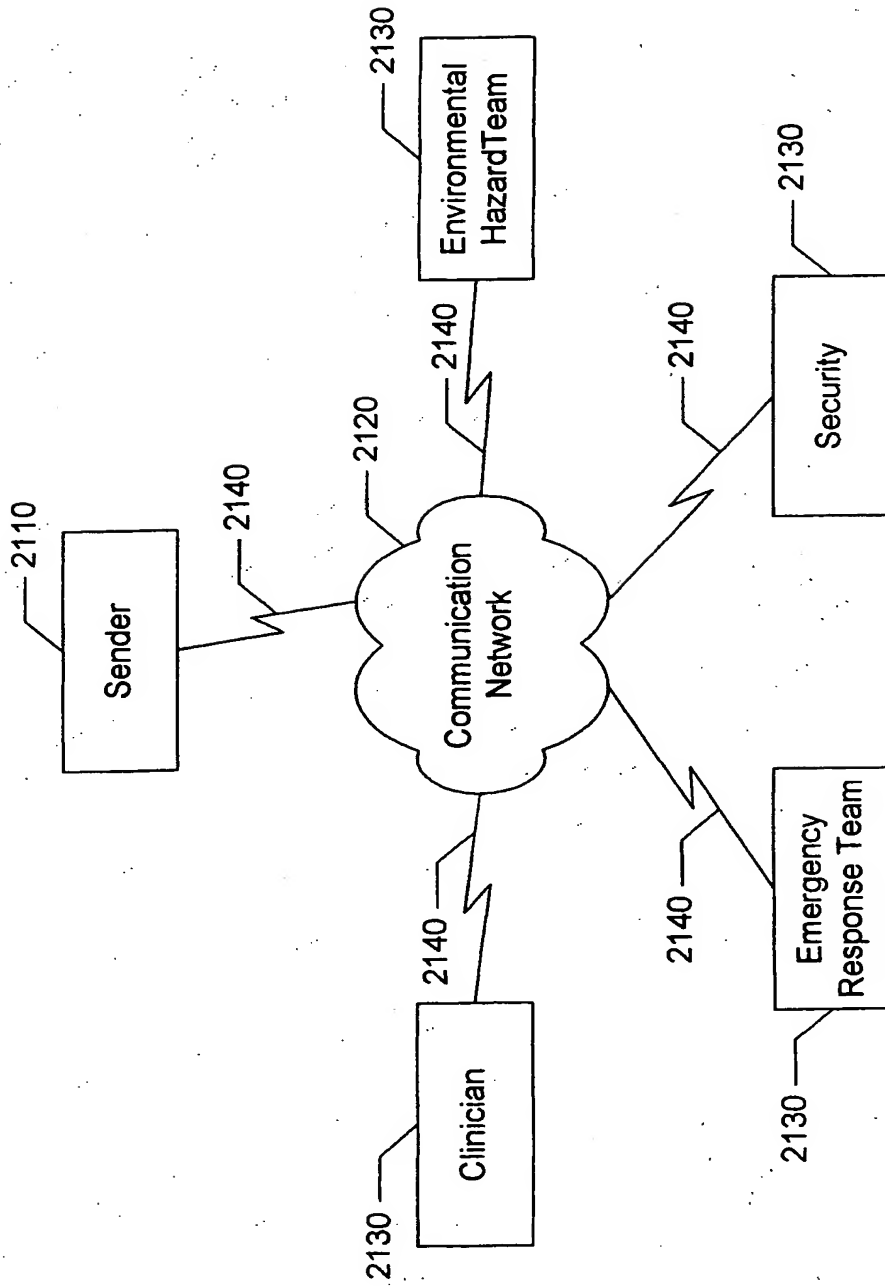


FIG. 12

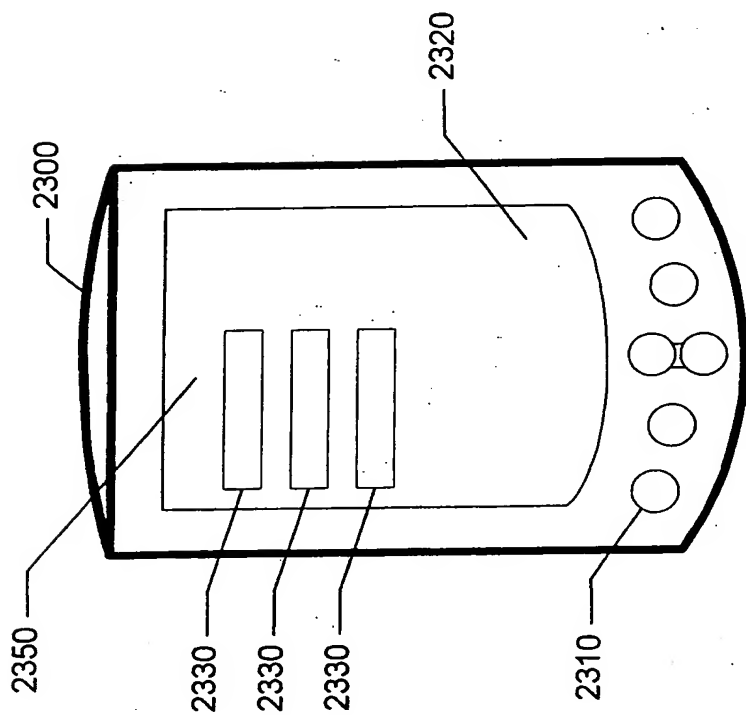


FIG. 14

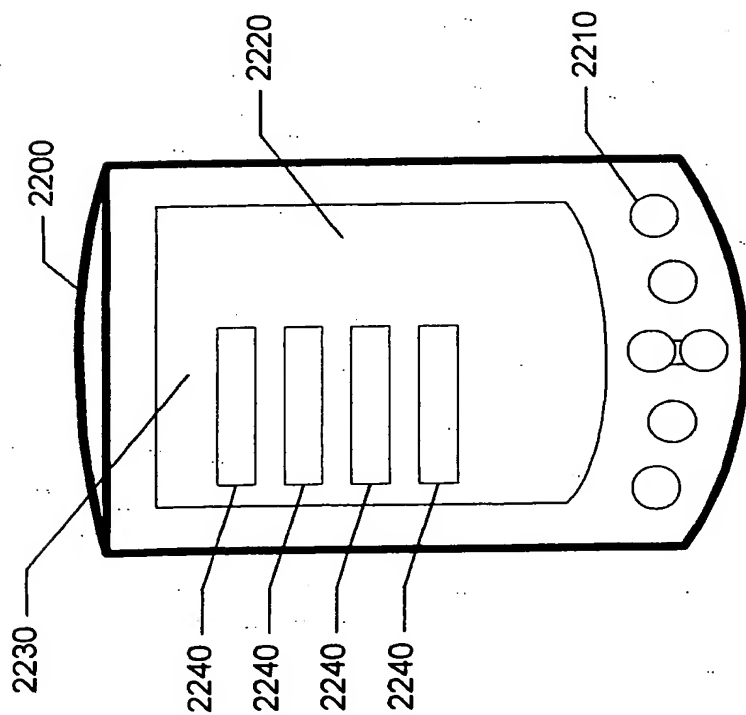


FIG. 13

FIGURE 15

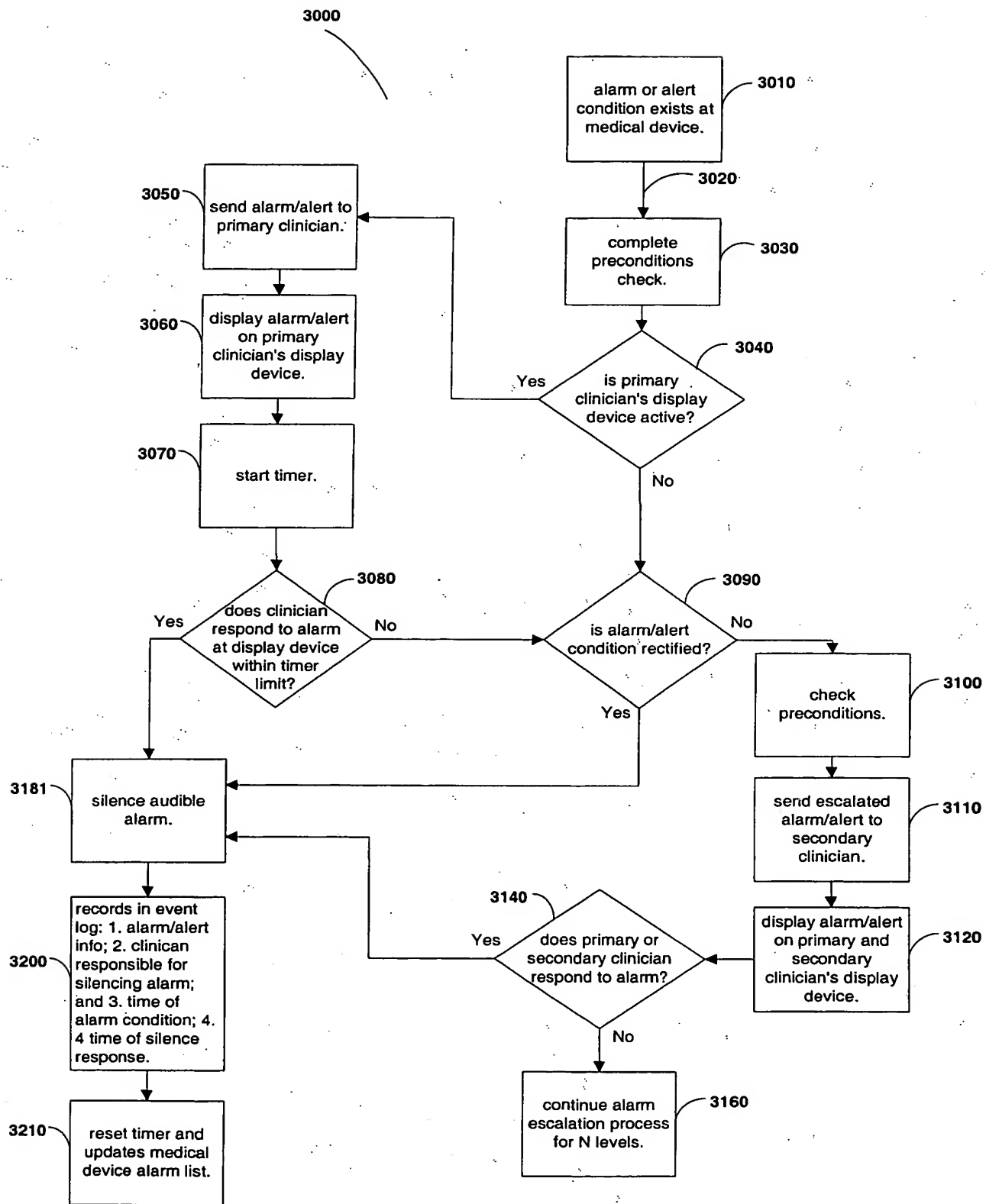


FIGURE 16a

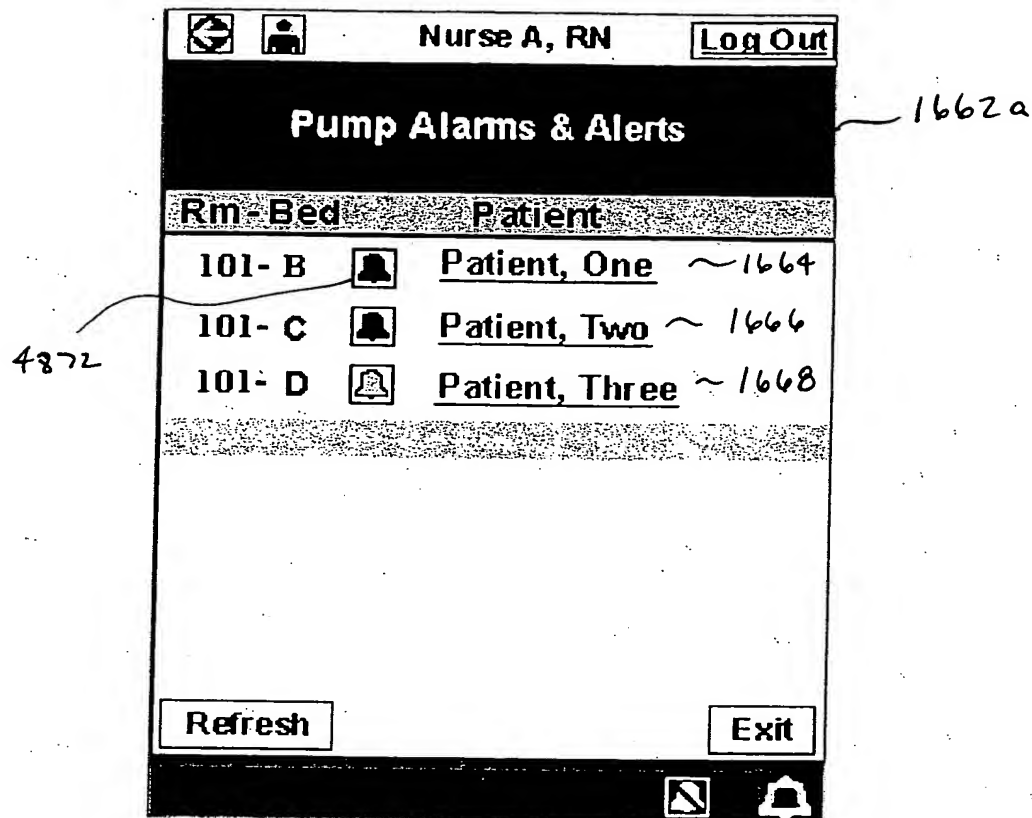


FIGURE 16b

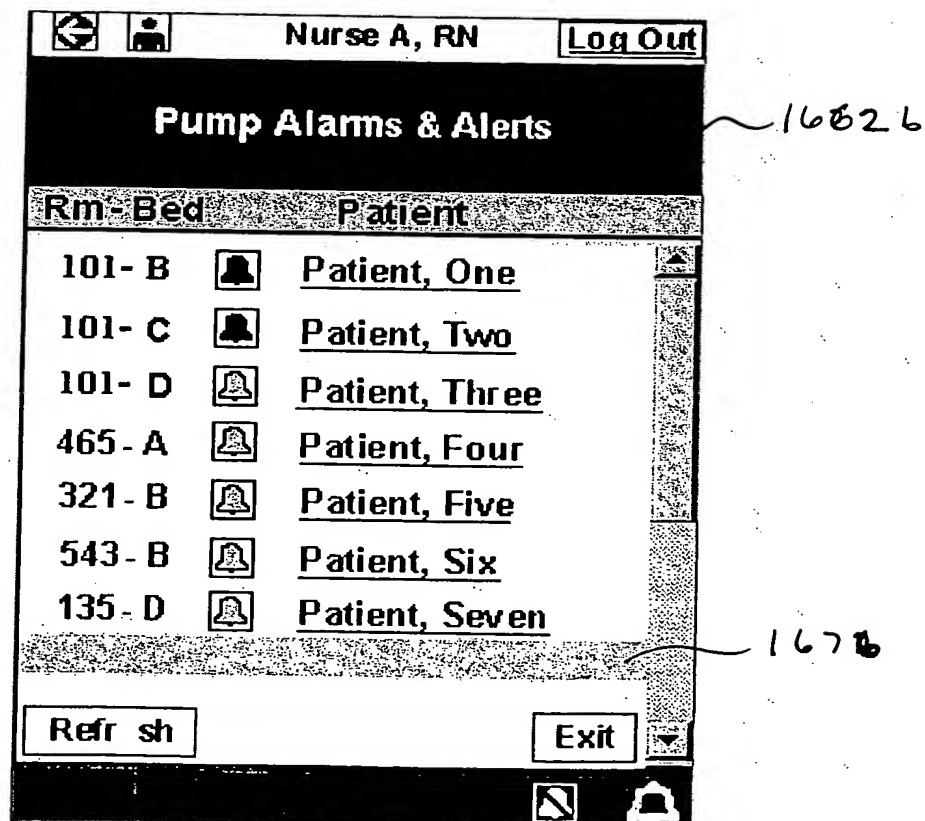


FIGURE 17

The screenshot shows a mobile application interface for 'Pump Alarms & Alerts'. At the top, there is a header bar with a back arrow icon, a user icon, the text 'Nurse A, RN', and a 'Log Out' button. Below the header, the title 'Pump Alarms & Alerts' is displayed. Underneath, there are two rows of data: 'Rm - Bed' and 'Patient'. The first row shows '101 - B' and 'Patient, One'. Below this, there is a section for an alarm message, indicated by a bell icon and the text '#1: Alarm message here'. The message content is 'Acef 1 g, in Dextrose, 5% 50 m'. At the bottom of the screen, there are two buttons: 'Refresh' and 'Exit'. A handwritten label '4819' points to the 'Refresh' button. Another handwritten label '1765' points to the 'Pump Alarms & Alerts' title.

FIGURE 18

The screenshot shows a mobile application interface for 'Pump Alarms & Alerts', similar to Figure 17. It features the same header bar with 'Nurse A, RN' and a 'Log Out' button. The title 'Pump Alarms & Alerts' is present. Below the title, there are two rows of data: 'Rm - Bed' and 'Patient'. The first row shows '101 - B' and 'Patient, One'. Below this, there are two sections for alarm messages, each indicated by a bell icon and the text '#1: Alarm message here'. The first message is 'Acef 1 g, in Dextrose, 5% 50 m'. The second message is also 'Acef 1 g, in Dextrose, 5% 50 m'. At the bottom of the screen, there are two buttons: 'Refresh' and 'Exit'. Handwritten labels '1867' and '1878' point to the first and second alarm messages respectively. Another handwritten label '1882' points to the second alarm message section.

FIGURE 19

Figure 19 is a screenshot of a login interface for a 'Patient Care System' at 'General Hospital'. The interface has a dark header with the system name and hospital name in white. Below the header, there is a white rectangular area containing the login fields. The 'User Name' field is labeled and contains the text 'Nurse A'. The 'Password' field is labeled and contains masked characters 'xoxoxoxox'. Below these fields is a 'Login' button. A handwritten reference number '1903' is located to the right of the header area.

Patient Care System
General Hospital
1903
User Name
Nurse A
Password
xoxoxoxox
Login

FIGURE 20

Figure 20 is a screenshot of the same login interface as Figure 19, but it shows a failed login attempt. The 'User Name' field contains 'Nurse A' and the 'Password' field contains masked characters 'xoxoxoxox'. Both fields have an asterisk (*) to their right. Below the password field, the text 'Login failed. Check User Name or Password.' is displayed. The 'Login' button is still present. A handwritten reference number '2005' is located to the right of the header area.

Patient Care System
General Hospital
2005
User Name
Nurse A *
Password
xoxoxoxox *
Login failed.
Check User Name or Password.
Login

FIGURE 21

The screenshot shows a mobile application interface. At the top, there is a header bar with the text "Nurse A, RN" and a "Log Out" button. Below this is a dark bar with the text "Select UNIT". The main area contains a text input field with "Neurology ICU" and a dropdown arrow icon. To the right of the input field is a circular button with a right-pointing arrow. A line connects the dropdown arrow icon to a label "4809". Another line connects the circular button to a label "2107". A third line connects the top right corner of the screen to a label "2105".

FIGURE 22

The screenshot shows a mobile application interface. At the top, there is a header bar with the text "Nurse A, RN" and a "Log Out" button. Below this is a dark bar with the text "Select WORK SHIFT". The main area contains two radio buttons: "Standard Shift" (selected) and "Customize Shift". Below the "Standard Shift" radio button is a text input field with a dropdown arrow icon. To the right of the input field is a circular button with a right-pointing arrow. A line connects the dropdown arrow icon to a label "4809". Another line connects the circular button to a label "2107". A third line connects the top right corner of the screen to a label "2211". A fourth line connects the "Standard Shift" radio button to a label "2255". Below the "Customize Shift" radio button, there are two time selection fields. The first field is labeled "Start:" and shows "18:" followed by a dropdown arrow icon. The second field is labeled "End:" and shows "00:" followed by a dropdown arrow icon. Both fields are preceded by the word "Time".

FIGURE 23

Nurse A, RN **Log Out**

My Patients **My Tasks**

Scan Patient:

Rm - Bed	Patient
101- B	Patient, One
101- C	Patient, Two
101- D	Patient, Three

Add More Patients

2313

2315

FIGURE 24

Nurse A, RN **Log Out**

Select PATIENTS

Rm - Bed	Patient
<input checked="" type="checkbox"/> 101- B	Patient, One
<input checked="" type="checkbox"/> 101- C	Patient, Two
<input checked="" type="checkbox"/> 101- D	Patient, Three

Add patient for:
 Entire shift

Find More Patients

2417

2419

FIGURE 25

Navigation icons: back, home, search, user profile

Nurse A, RN **Log Out**

Patient, One -- 101-B

Mini-Chart: Allergies (NKA)

- Administer Meds/Infusions**
- STOP Infusion**
- RESUME Infusion**
- Titrate Infusion**
- Flow Rate History**
- Pump Status**
- Remove Patient from Shift**

FIGURE 25a

Navigation icons: back, home, search, user profile

Ninety-Three, James RN **Log Out**

Ninety-Nine, Douglas, Mr. (MDLOC1)

MDUnit 1: MDRoom1 - MDBed1

Dr. Ninety, Susan

Mini-Chart: Allergies

- Allergies & Ht/Wt**
- Med Hx**
- Lab Results**
- Drug Allergy**
- General Allergy**

Date Observed	Height	Weight
8-22 14:16	183.00 cm 72.05 in.	85.0 Kg 187.39 Lbs

Back

FIGURE 25b

Ninety-Three, James RN [Log Out](#)

Ninety-Nine, Douglas, Mr. (MDLOC1)
MDUnit1: MDRoom1 - MDBed1
Dr. Ninety, Susan

Mini-Chart Allergies (NKA)

Allergies & Ht/Wt **Med Hx**

Lab Results

All ☒ Scheduled ☐ PRN ☐

Look Back Period hours

Order

Acetaminophen Cap 500 MG
500 MG = 1 CAP
Oral
TID
Admin Date: 6-3 12:53
Patient Refused
[more...](#)

[Back](#)

2521b

FIGURE 25c

Ninety-Three, James RN [Log Out](#)

Ninety-Nine, Douglas, Mr. (MDLOC1)
MDUnit1: MDRoom1 - MDBed1
Dr. Ninety, Susan

Mini-Chart Allergies

Allergies & Ht/Wt **Med Hx**

Lab Results

Lab Test	Result	Range	H/L	Date
POTASSIUM	3.1	3.6 - 5 mmol/L	Normal	5/16/2003 9:00:00 AM

[Back](#)

2521c

FIGURE 26

Nurse A, RN Log Out

Patient, One - 101-B

Mini-Chart: Allergies (NKA)

< 10:19 - 12:19 >

SCHD 13

	Time	Med	Last
<input checked="" type="checkbox"/>	11:30	MORPHINE SULFATE Continuous Infusion 	12-9 2:00
<input type="checkbox"/>	13:30 NR	Continuous Infusion (De SI	
<input type="checkbox"/>	15:30 NR	Continuous Infusion (De SI	
<input type="checkbox"/>	17:30 NR	Continuous Infusion (De 	

2623

2625

FIGURE 26a

Nurse A, RN Log Out

Patient, One - 101-B

Mini-Chart: Allergies (NKA)

MA-Continuous Infusion
 Dextrose 5% w/Sodium Chloride 0.45%
 200 ML
 Route: Intravenous
 Flow Rate: 50 ML/H
 Estimated Admin. Period: 4 Hours

Warning: Wear Gloves

Show Edubyte info here

RX not previously administered
 Start Time: 6-2 14:54
 End Time: 7-7 14:54

2627

2629

2631

2633

FIGURE 27a

Ninety-Three, James RN

WORKFLOW INFUSION: STOP
Ninety-Six, Samuel, Mr. MDRoom1 -
MDBed1
[Mini-Chart Allergies](#)

Scan Item:

Continuous Infusion
Dextrose Inj 20%
500 ML
Route: Intravenous Flow Rate:
125 ML/H
Estimated Administration Period:
4 Hours

Order has been DC'd

[Back to Patient list](#)

2727a

FIGURE 27b

Ninety-Three, James RN

WORKFLOW INFUSION: STOP
Ninety-Six, Samuel, Mr. MDRoom1 -
MDBed1
[Mini-Chart Allergies](#)

Continuous Infusion
Dextrose Inj 20%
500 ML
Route: Intravenous Flow Rate: 125
ML/H
Estimated Administration Period: 4
Hours

Please select a reason for Stop
Infusion

Stop Time[M/D/Y HH:MM]

[Cancel](#)

[Back to Patient list](#)

2727b

FIGURE 27c

The screenshot shows a medical workflow interface. At the top, there is a header bar with a back arrow, a user icon, the text "Ninety-Three, James RN", and a "Log Out" button. Below the header, the main content area has a dark background with white text. It starts with "WORKFLOW INFUSION: RESUME", followed by "Ninetyfour-Pointfive, Fred, Mr.", "MDRoom1 - MDBed4", and "Mini-Chart: Allergies (Not Specified)". There is a "Scan Item:" label followed by a white input box and a circular arrow icon. Below this, the text reads: "Continuous Infusion", "Dextrose Inj 20%", "500 ML", "Route: Intravenous Flow Rate: 125 ML/H", "Estimated Administration Period: 4 Hours", and "Stopped w/o Order". At the bottom, there is a button labeled "Back to Patient list".

2727c

FIGURE 27d

The screenshot shows a medical workflow interface, similar to Figure 27c. It has the same header bar with "Ninety-Three, James RN" and "Log Out". The main content area has a dark background with white text. It starts with "WORKFLOW INFUSION: RESUME", followed by "Ninetyfour-Pointfive, Fred, Mr.", "MDRoom1 - MDBed4", and "Mini-Chart: Allergies (Not Specified)". Below this, the text reads: "Continuous Infusion", "Dextrose Inj 20%", "500 ML", "Route: Intravenous Flow Rate: 125 ML/H", "Estimated Administration Period: 4 Hours", and "Stopped w/o Order". Below this, there is a prompt: "Please select a reason for Resume Infusion". This is followed by a dropdown menu showing "Site re-established". At the bottom, there is a "Cancel" button with a circular arrow icon and a "Back to Patient list" button.

2727d

4809

FIGURE 28

Nurse A, RN **Log Out**

Patient, One - 101-B

Mini-Chart: Allergies (NKA)

< 10:19 - 12:19 >

SCHED 13

	Time	Med	Last
<input checked="" type="checkbox"/>	13:30	MORPHINE SULFATE Continuous Infusion	12:00
<input type="checkbox"/>	13:30	Continuous Infusion (De SI)	
<input type="checkbox"/>	15:30	Continuous Infusion (De SI)	
<input type="checkbox"/>	17:30	Continuous Infusion (De SI)	

FIGURE 29

Nurse A, RN **Log Out**

Patient, One - 101-B

Mini-Chart: Allergies (NKA)

Missed Medication

Please select a reason for LATE:

☒ Adjust schedule for:

MORPHINE SULFATE
Continuous Infusion
60 MG = 30 ML
Route: Injection
Flow Rate: 30 ML/H
Estimated Admin. Period: 1 Hour

FIGURE 30

Nurse A, RN **Log Out**

Patient, One - 101-B

Mini-Chart: Allergies (NKA)

Missed Medication

Please select a reason for LATE

Patient unavailable at sched. time

Not Required

Cycle Count

Insufficient Stock

Re-open drawer

Maintain Admin Test

Already have item

Item Unavailable

Refused

3047

3045

FIGURE 31

Nurse A, RN **Log Out**

Patient, One - 101-B

Mini-Chart: Allergies (NKA)

< 10:19 - 12:19 >

SCHED 43

	Time	Med	Last
<input type="checkbox"/>	13:30	MORPHINE SULFATE Continuous Infusion	12-9 2:00
<input type="checkbox"/>	13:30	Continuous Infusion (De SI	
<input type="checkbox"/>	15:30	Continuous Infusion (De SI	
<input type="checkbox"/>	17:30	Continuous Infusion (De	

4857

3135

2839

FIGURE 32

Nurse A, RN **Log Out**

SCHD 13

	Time	Med	Last
<input checked="" type="checkbox"/>	11:30	MORPHINE SULFATE Continuous Infusion ⚠	12/9 2:00
<input type="checkbox"/>	13:30	Continuous Infusion (De NR SI	
<input type="checkbox"/>	15:30	Continuous Infusion (De NR SI	
<input type="checkbox"/>	17:30	Continuous Infusion (De NR ⚠	

Get Items

3235

3225

3249

FIGURE 33

Nurse A, RN **Log Out**

Patient, One - 101-B

Mini-Chart: Allergies (NKA)

Scan Depot: ➔

Search Items

Item	DepotUnit	Qty
Morphine Sulfate Inj	in other	
2 MG/ML QA	units	
Morphine Sulfate Inj	in other	
2 MG/ML QA	units	

Skip Scan Depot

3353

3351

3355

FIGURE 34

Nurse A, RN **Log Out**

Patient, One - 101-B

Mini-Chart: Allergies (NKA)

Rx Scan Item:

MORPHINE SULFATE
Continuous Infusion
60 MG = 30 ML
Route: Injection
Flow Rate: 30 ML/H
Estimated Admin. Period: 1 Hour

Quantity: ML(s)

Get: 30 ML

Warning: Wear Gloves

Show Edubyte info here

3465

3467

FIGURE 35

Nurse A, RN **Log Out**

Patient, One - 101-B

Mini-Chart: Allergies (NKA)

Scan Depot:

Scan code is invalid.

Search Items

Item	DepotUnit	Qty
Morphine Sulfate Inj 2 MG/ML QA	in other units	
Morphine Sulfate Inj 2 MG/ML QA	in other units	

Skip Scan Depot

3569

FIGURE 36

Nurse A, RN **Log Out**

Patient, One - 101-B

Mini-Chart Allergies (NKA)

Scan Patient:

If cannot admin, select a reason:

Not Reg Due to Monitoring Result

Patient Unavailable

Refused

Waste/Return

3657

3659

3661

3663

FIGURE 37

Nurse, C RN **Log Out**

Patient Three Mr 100 C

Mini-Chart Allergies

Verify Route, Line & Site

Rx Sodium Chloride 0.9%
Continuous Infusion
Rx Sodium Chloride 0.9%
1000 ML
Route: Intravenous Flow Rate: 50 ML/H
Estimated Administration Period: 20 Hours

Please hang the bag,
program the pump
and record the following information
but DO NOT start the pump channel until instructed:

Route: Intramuscular

Line: Central

Site: Right Forearm

Compare Route

3771

3773

3775

3777

3778

4817

FIGURE 38

The screenshot shows a medical device interface for a nurse. At the top, it says 'Nurse, C RN' and has a 'Log Out' button. Below that, it displays patient information: 'Patient: Three Mr. 100 C' and 'Mini-Chart Allergies!'. The main title is 'Select Pump Channel Mode'. The screen lists the following information: 'Rx Sodium Chloride 0.9%', 'Continuous Infusion', 'Rx Sodium Chloride 0.9%', '1000 ML', 'Route: Intravenous Flow Rate: 50 ML/H', and 'Estimated Administration Period: 20 Hours'. Below this, it says 'Select Pump Channel Mode:' and has two options: 'Primary' with a radio button icon and 'Piggyback' with a radio button icon. Handwritten annotations include '3881' next to the title bar, '3882' next to the medication details, '3884' next to the 'Primary' option, and '3883' next to the 'Piggyback' option.

FIGURE 38a

The screenshot shows a medical device interface for a nurse. At the top, it says 'Nurse, C RN' and has a 'Log Out' button. Below that, it displays patient information: 'Patient: Three Mr. 100 C' and 'Mini-Chart Allergies!'. The main title is 'Scan Pump Channel'. The screen lists the following information: 'Rx Sodium Chloride 0.9%', 'Continuous Infusion', 'Rx Sodium Chloride 0.9%', '1000 ML', 'Route: Intravenous Flow Rate: 50 ML/H', and 'Estimated Administration Period: 20 Hours'. Below this, it says 'Scan Pump Channel' followed by a series of dots and a radio button icon. A handwritten annotation '4809' is next to the radio button icon. A handwritten annotation '3885' is next to the title bar.

FIGURE 39

Nurse, C RN Log Out

Patient, Three, Mr.
 1 West: 100 - C
 MD1, Test

Pharm & Pump Comparison

Continuous Infusion Rx Sodium Chloride 0.9% 1000 ML Route:
 Intravenous Flow Rate: 50 mL Estimated Administration
 Period: 20 Hours

Program the Pump Channel and:

- > If this is a PRIMARY –
 Click COMPARE below Now and
 wait until instructed to start pump channel.
- > If this is a PIGGYBACK –
 Press the "Start" key on the
 pump Now, then Click COMPARE.

If Piggyback Infusion, ensure PRIMARY is placed LOWER THAN
 than PIGGYBACK and that PIGGYBACK roller clamp is OPEN.

Compare — 4817

3986

FIGURE 39a

Nurse A, RN Log Out

Patient, One
 Rm - Bed 101-B
 Dr. One (111)111-1111 ext. 1

Pharm & Pump Comparison

Ancef 1 g, in Dextrose, 5 % 50 mL
 run at 100 mL/hr

	Pharm Label	=	Pump Settings
Rate	100 mL/hr		100 mL/hr

Comparison MATCHES.
 Press "Start" key on pump.

OK

3987

FIGURE 40

Nurse A, RN **Log Out**

Patient, One
Rm - Bed 101-B
Dr. One (111)111-1111 ext. 1

Pharm & Pump Comparison

Ancel 1 g, in Dextrose, 5 % 50 mL
 run at 100 mL/hr

	Pharm Label	Pump Settings
Rate	100 mL/hr	50 mL/hr

Please Verify with PHYSICIAN Order.
 Then to accept the mismatch, press "Start"
 key on pump and then click "OK" below.
 You can also reprogram the pump and
 then click "Compare again".

OK **Compare again**

4087

4825

4817

FIGURE 41

Nurse A, RN **Log Out**

Patient, One
Rm - Bed 101-B
Dr. One (111)111-1111 ext. 1

Pharm & Pump Comparison

Ancel 1 g, in Dextrose, 5 % 50 mL
 run at 100 mL/hr

	Pharm Label	Pump Settings
Rate	100 mL/hr	? mL/hr

Cannot compare.
 Press "Rate" key and COMPARE.

COMPARE

4187

4817

FIGURE 42

Nurse A, RN **Log Out**

Patient, One
Rm - Bed 101-B
Dr. One (111)111-1111 ext. 1

Pharm & Pump Comparison

Ancel 1 g, in Dextrose, 5 % 50 mL
run at 100 mL/hr

	Pharm Label	? Pump Settings
Rate	100 mL/hr	? mL/hr

Cannot compare. Press "Start" key on pump and click COMPARE, to retry comparison.

COMPARE

Baxter

4287

4817

FIGURE 43

Nurse A, RN **Log Out**

Patient, One
Rm - Bed 101-B
Dr. One (111)111-1111 ext. 1

Pump Status

4807 Ancel 1 g, in Dextrose, 5 % 50 mL
run at 100 mL/hr

Rate	60 mL/h
Volume Infused	5 mL
Volume Remaining	45 mL
Time Remaining	45 min.

*NOTE: Pump Override Accepted

4819 **Refresh** **Exit**

Baxter

4391

FIGURE 44

The screenshot shows a medical device interface. At the top, there is a header bar with a back arrow icon, a user icon, the text "Nurse A, RN", and a "Log Out" button. Below the header, the patient information is displayed: "Patient, One", "Rm - Bed 101-B", and "Dr. One (111)111-1111 ext. 1". A horizontal line separates this from the "Flow Rate History" section. The history section shows a list of flow rates: "Ancel 1 g, in Dextrose, 5 % 50 mL run at 100 mL/hr", followed by three entries: "60 mL/h @ 10:55 AM 3/13", "70 mL/h @ 10:55 AM 3/13", and "80 mL/h @ 10:54 AM 3/13". At the bottom, there are two buttons: "Refresh" and "Exit".

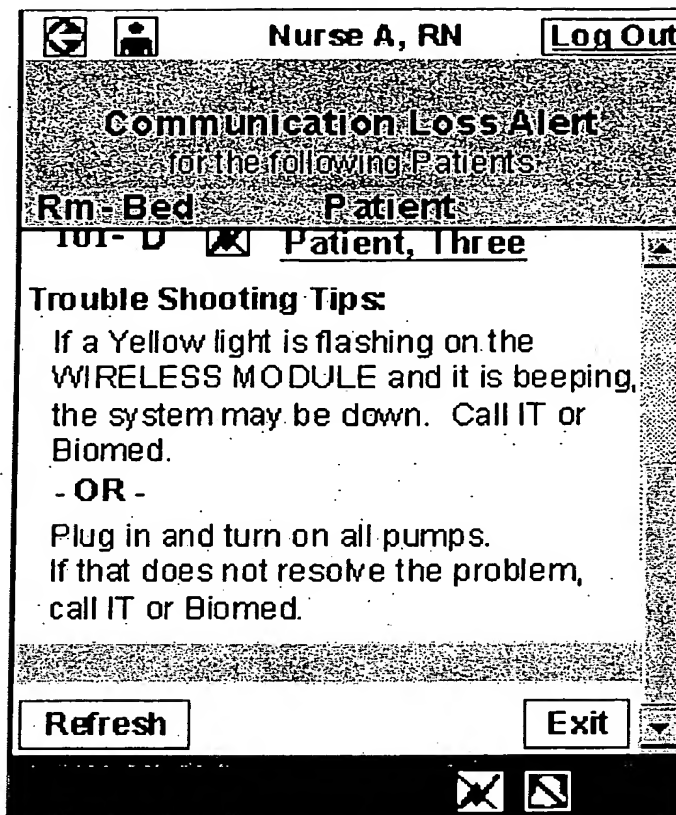
4493

FIGURE 45a

The screenshot shows a medical device interface displaying a "Communication Loss Alert" for the following Patients. The alert is titled "Communication Loss Alert" and "for the following Patients". Below the title, there is a table with two columns: "Rm - Bed" and "Patient". The table lists three patients: "101- B Patient, One", "101- C Patient, Two", and "101- D Patient, Three". Each patient name is preceded by a checked checkbox. Below the table, there is a section titled "Trouble Shooting Tips" which contains the following text: "If a Yellow light is flashing on the WIRELESS MODULE and it is beeping, the system may be down. Call IT or Biomed." followed by "- OR -" and "Plug in and turn on all pumps. If that does not resolve the problem, call IT or Biomed." At the bottom of the screen, there are two icons: a crossed-out square and a square with a diagonal line.

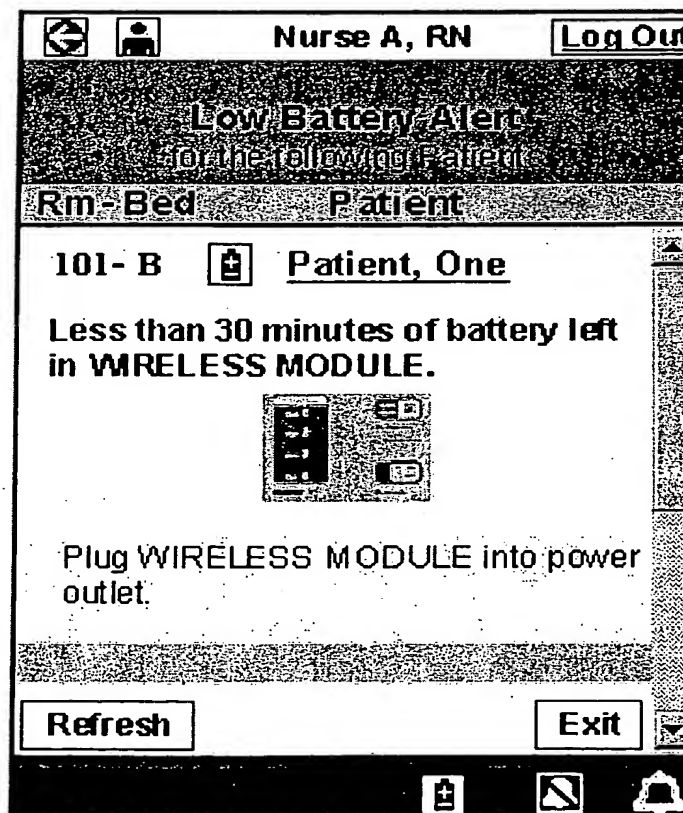
4501

FIGURE 45b



4501

FIGURE 46



4603

FIGURE 47

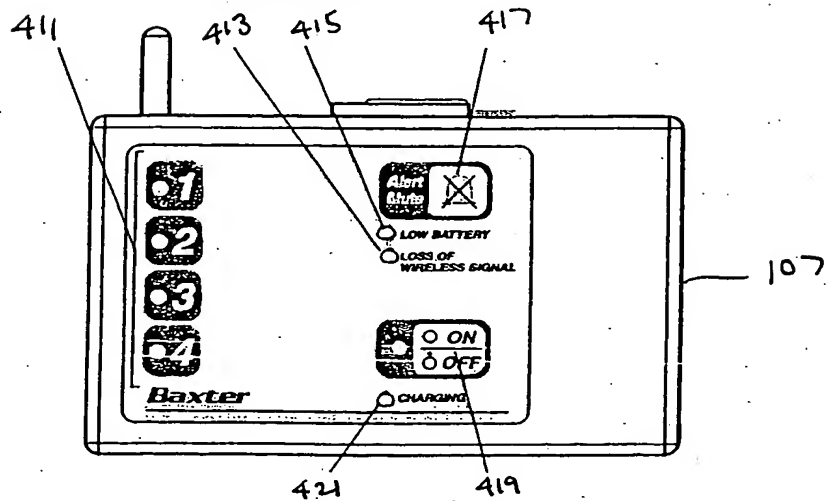


FIGURE 48




















Icon		Icon	
	4801		4805
	4803		4823
	4805		4825
	4807		4827
	4809		4872
	4811		
	4813		
	4815		
	4817		4874
			4833
	4819		
	4821		4835

FIGURE 49

The screenshot shows a user interface for a nurse. At the top, it says "Nurse A, RN" and has a "Log Out" button. Below that, it says "Patient, One - 101-B". There are tabs for "Mini-Chart" and "Allergies (NKA)". The main section is titled "Record Admin Result". It prompts the user to "Please select Admin Result:" with a dropdown menu and a right arrow button. Below the dropdown, it lists "MORPHINE SULFATE" with details: "Continuous Infusion", "60 MG = 30 ML", "Route: Injection", "Flow Rate: 30 ML/H", and "Estimated Admin. Period: 1 Hour".

4937

FIGURE 50

	Time	Med	Last
<input type="checkbox"/>	14:39	Digoxin Tab 0.125	
	NR	MG 0.125 MG = 1	
		TAB Oral QD q	
		MP ←	


5001

FIGURE 50a

The screenshot shows a user interface for a nurse. At the top, it says "Ninety-Three, James RN" and has a "Log Out" button. Below that, it says "Ninety-Six, Samuel, Mr. MDRoom1 - MDBed1". There are tabs for "Mini-Chart" and "Allergies (NKA)". The main section is titled "Monitoring Parameters". It has a sub-section for "Blood Pressure" with a text input field followed by "Mm/Hg." and a dropdown menu currently set to "Supine". At the bottom, there is a "Save" button and a "- Back -" link.

5003

FIGURE 51

 **Ninety-Three, James RN** [Log Out](#)

Eightytwo, Anthony, MDRoom1 -
MDDefaultBed

Mini-Chart Allergies

ACETAMINOPHEN/CODEINE #4
Acetaminophen w/ Codeine Tab
300-60 MG 60 MG = 1 TAB Oral
QID

Drawer 1, Bin 05

Count before the removal of
medication(first count)
Qty on hand:
 TAB(s)

Count

[Back to Patient List](#)
[Re-open drawer](#)

5101

FIGURE 52

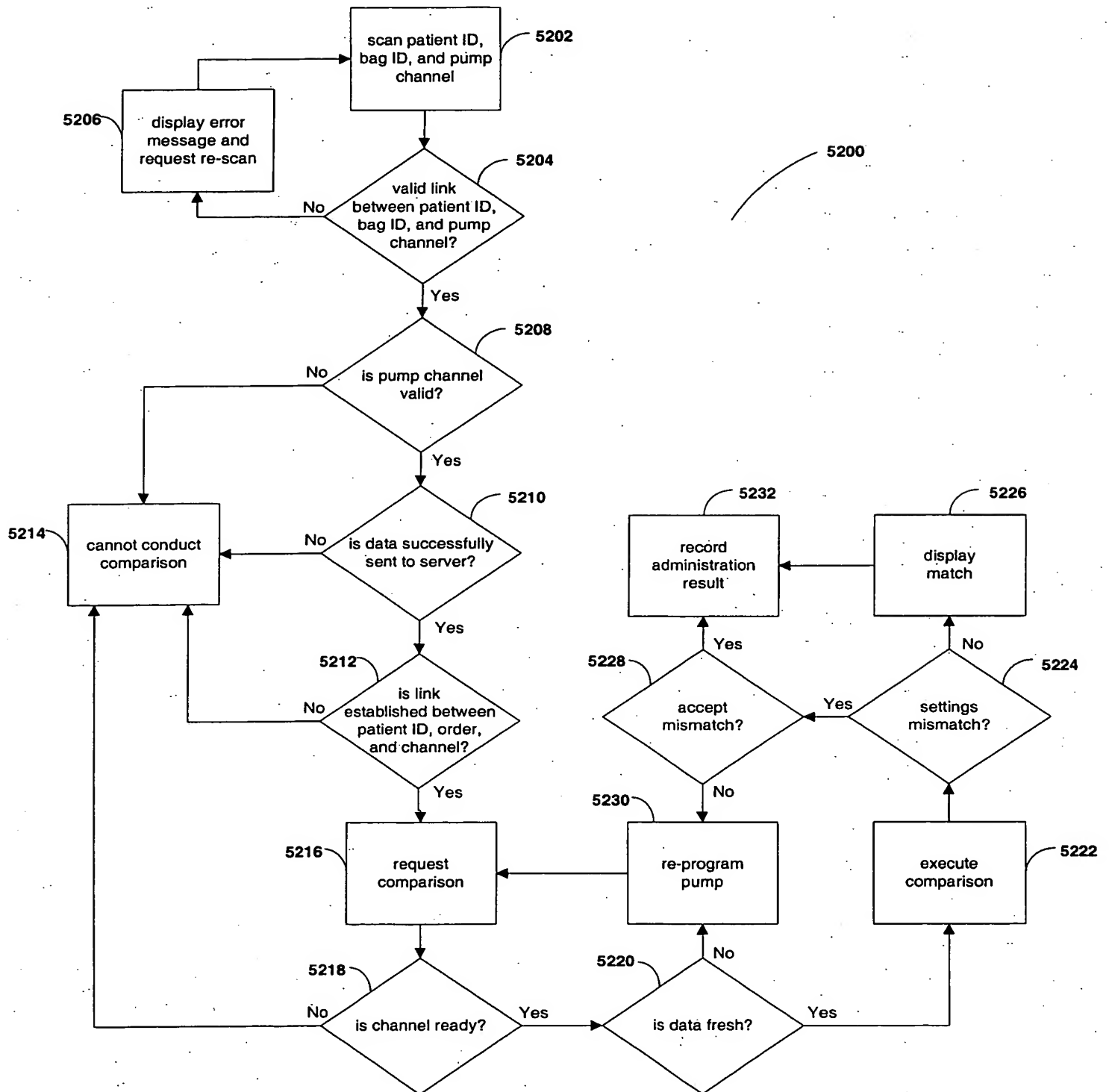
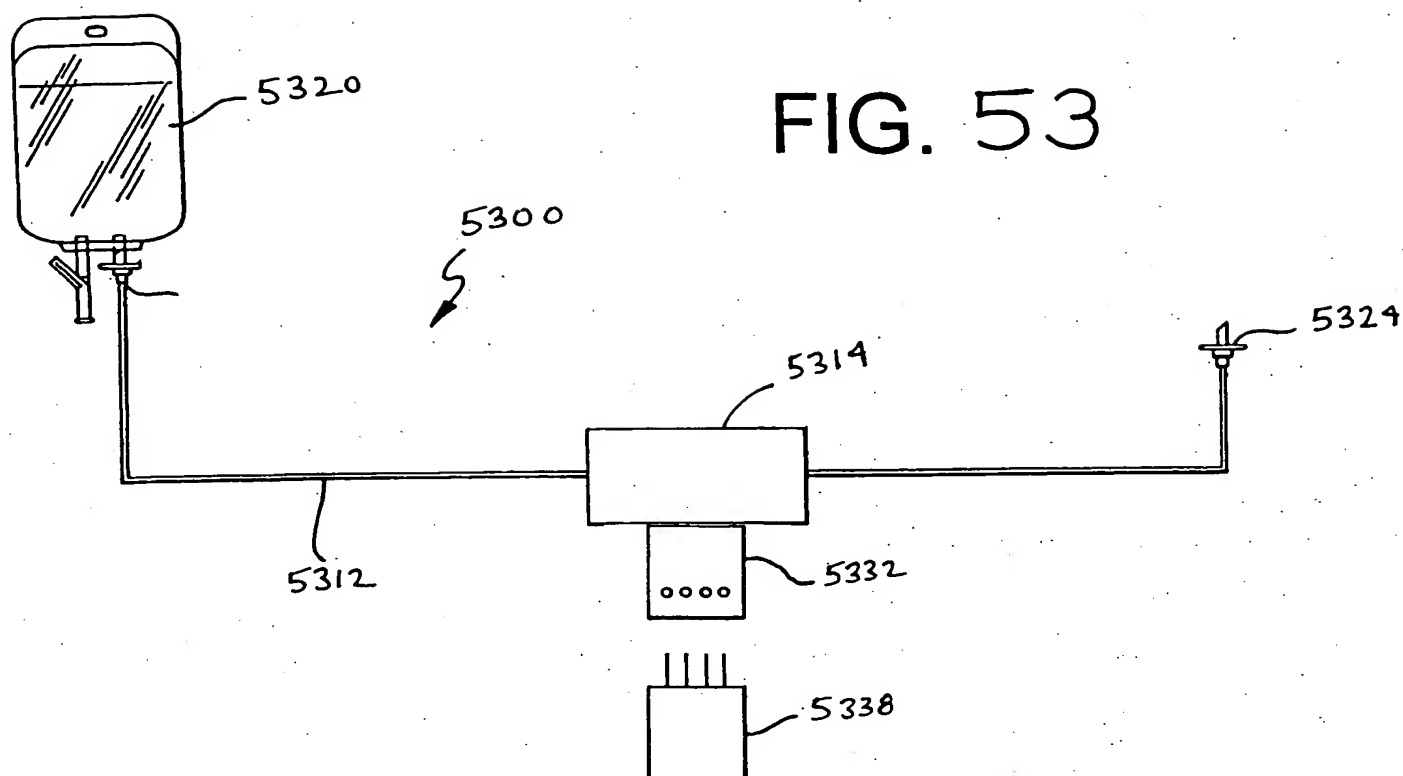


FIG. 53



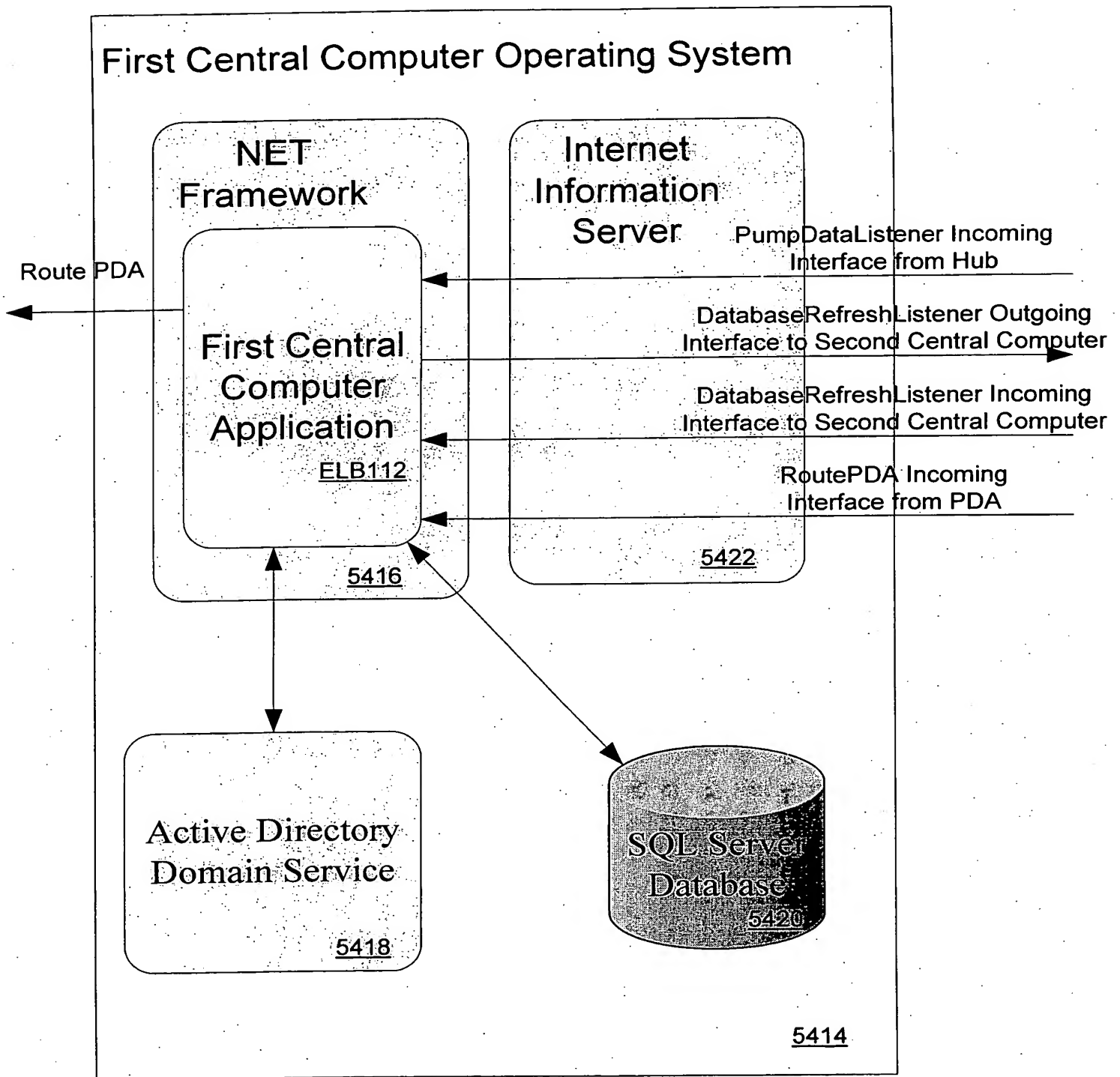


FIGURE 54

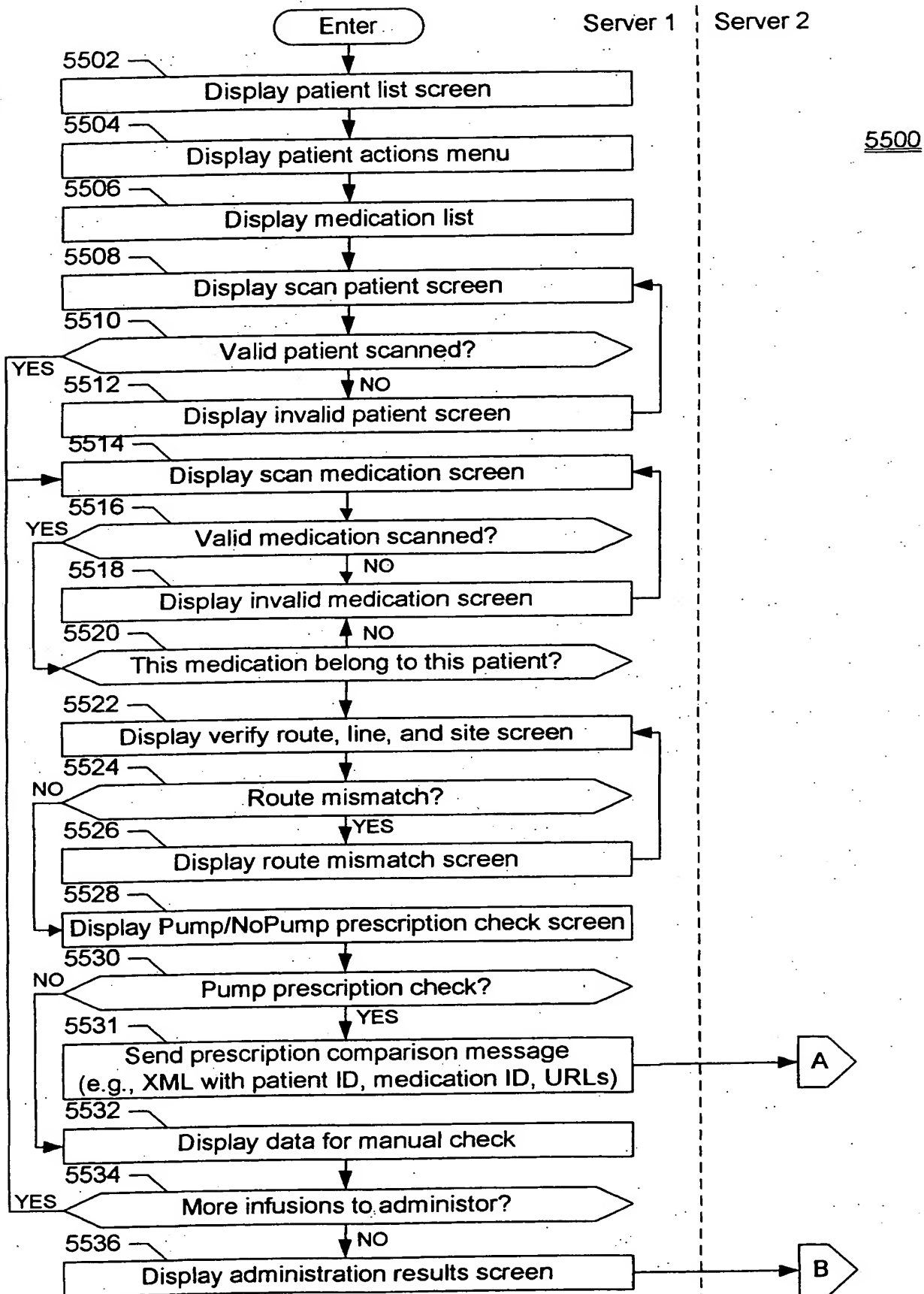


FIG. 55A

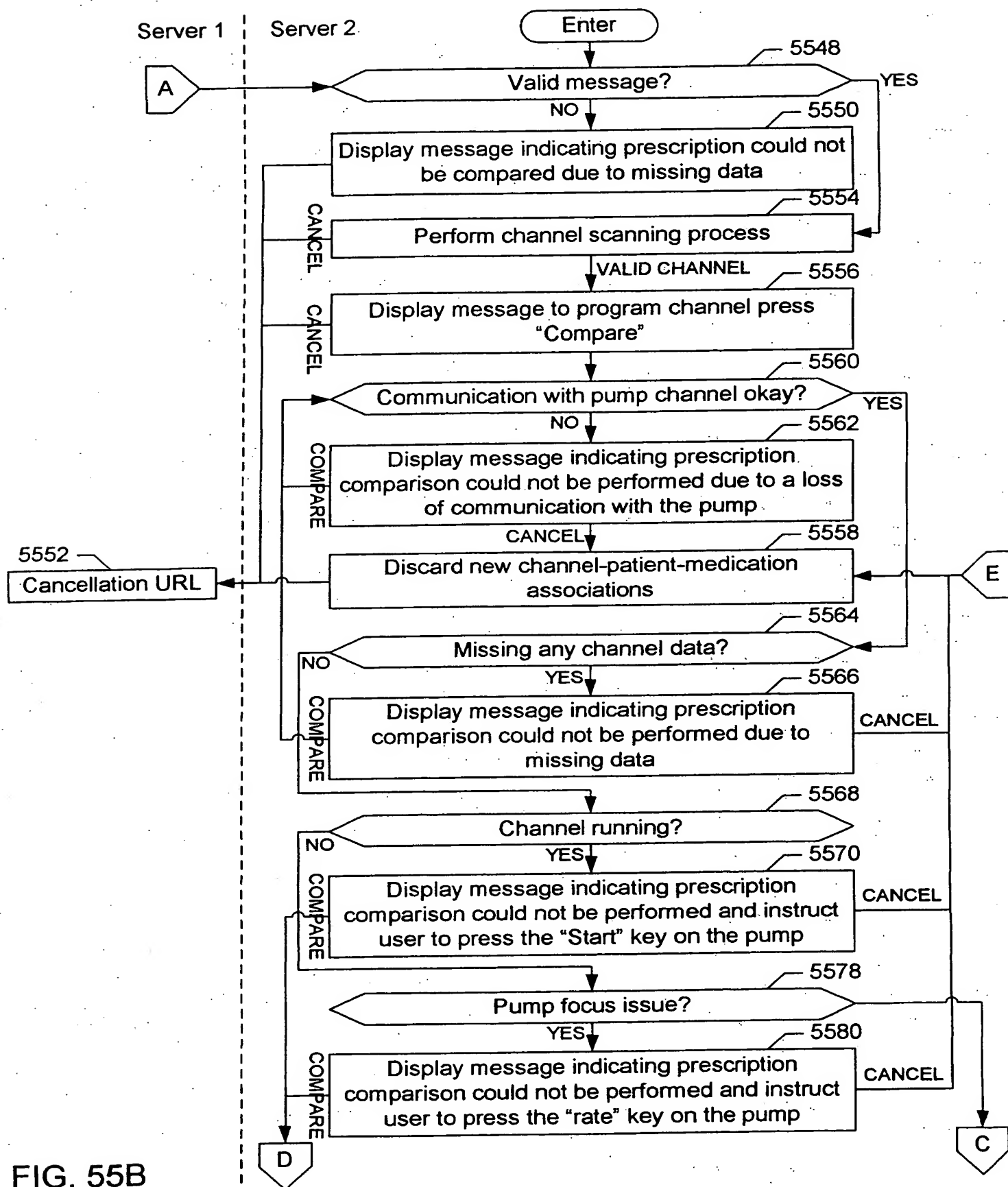


FIG. 55B

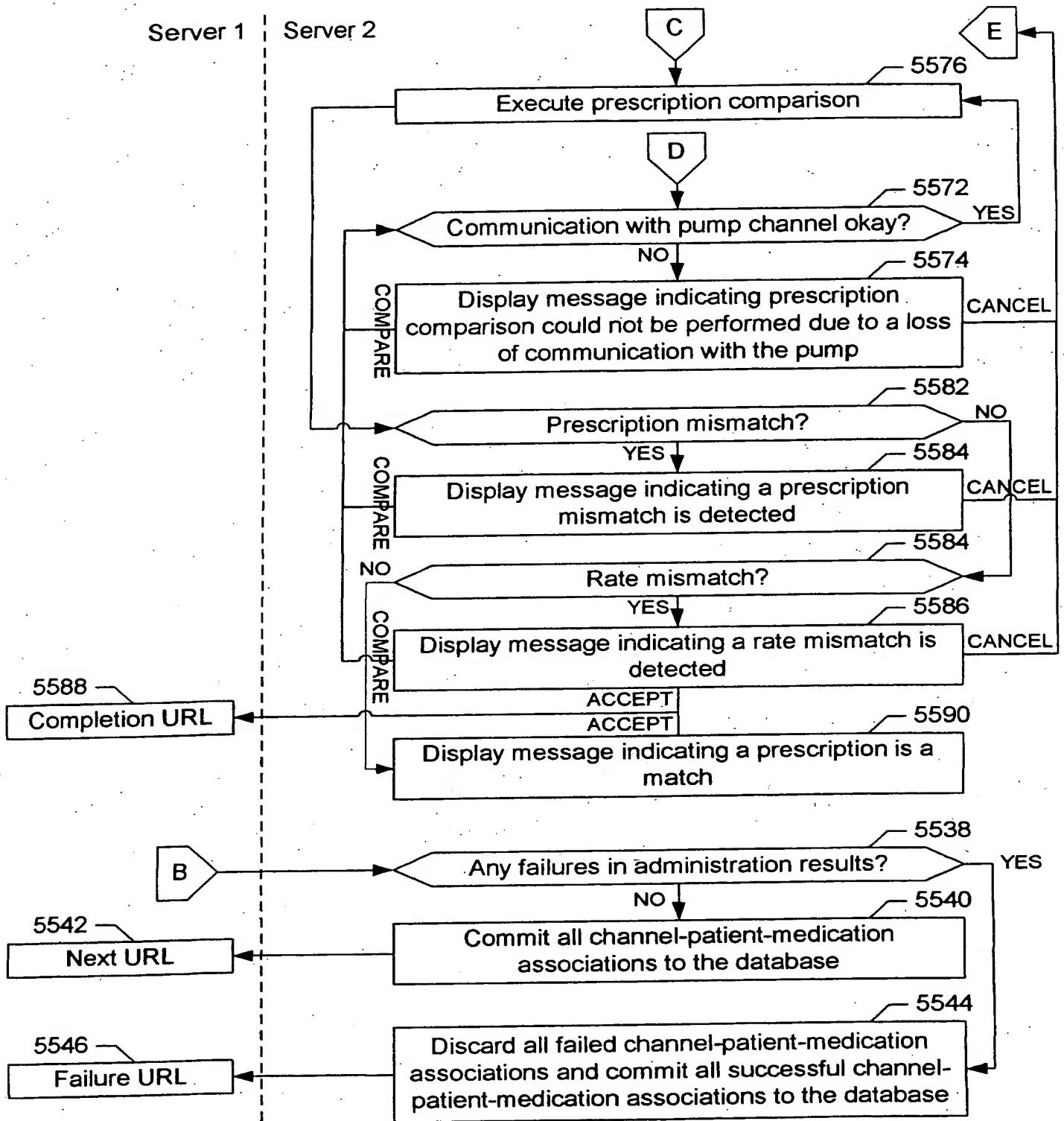


FIG. 55C

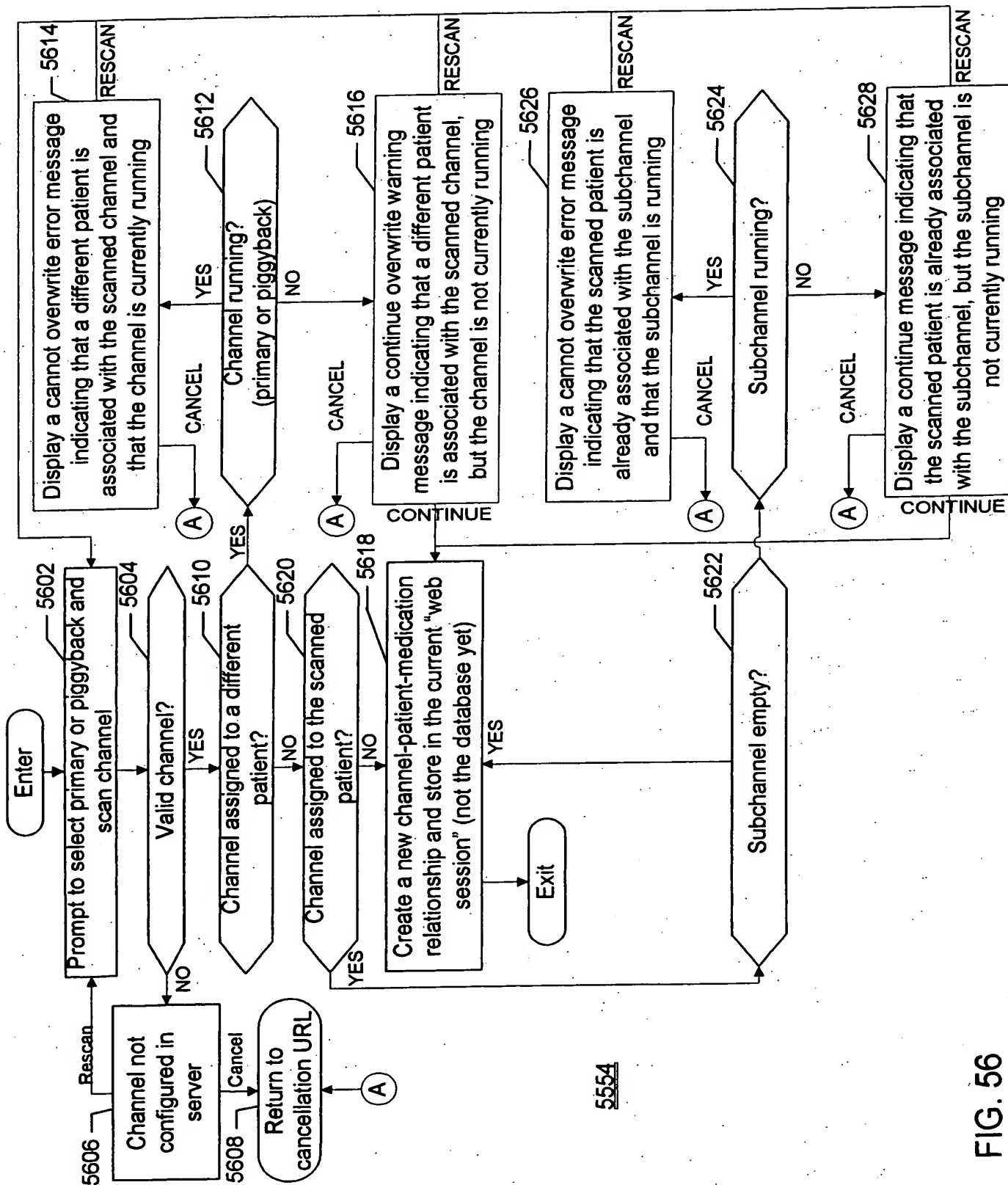


FIG. 56

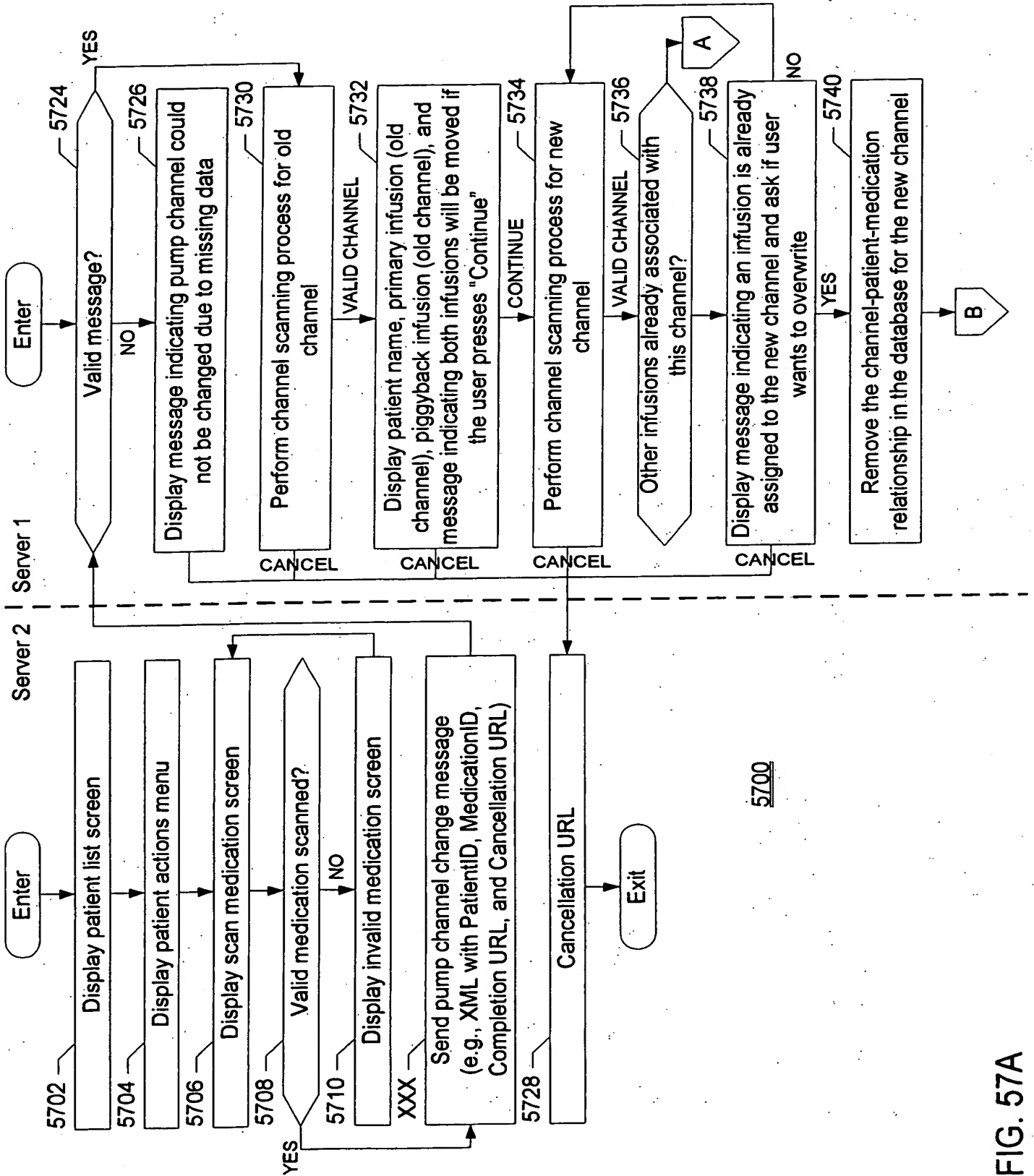


FIG. 57A

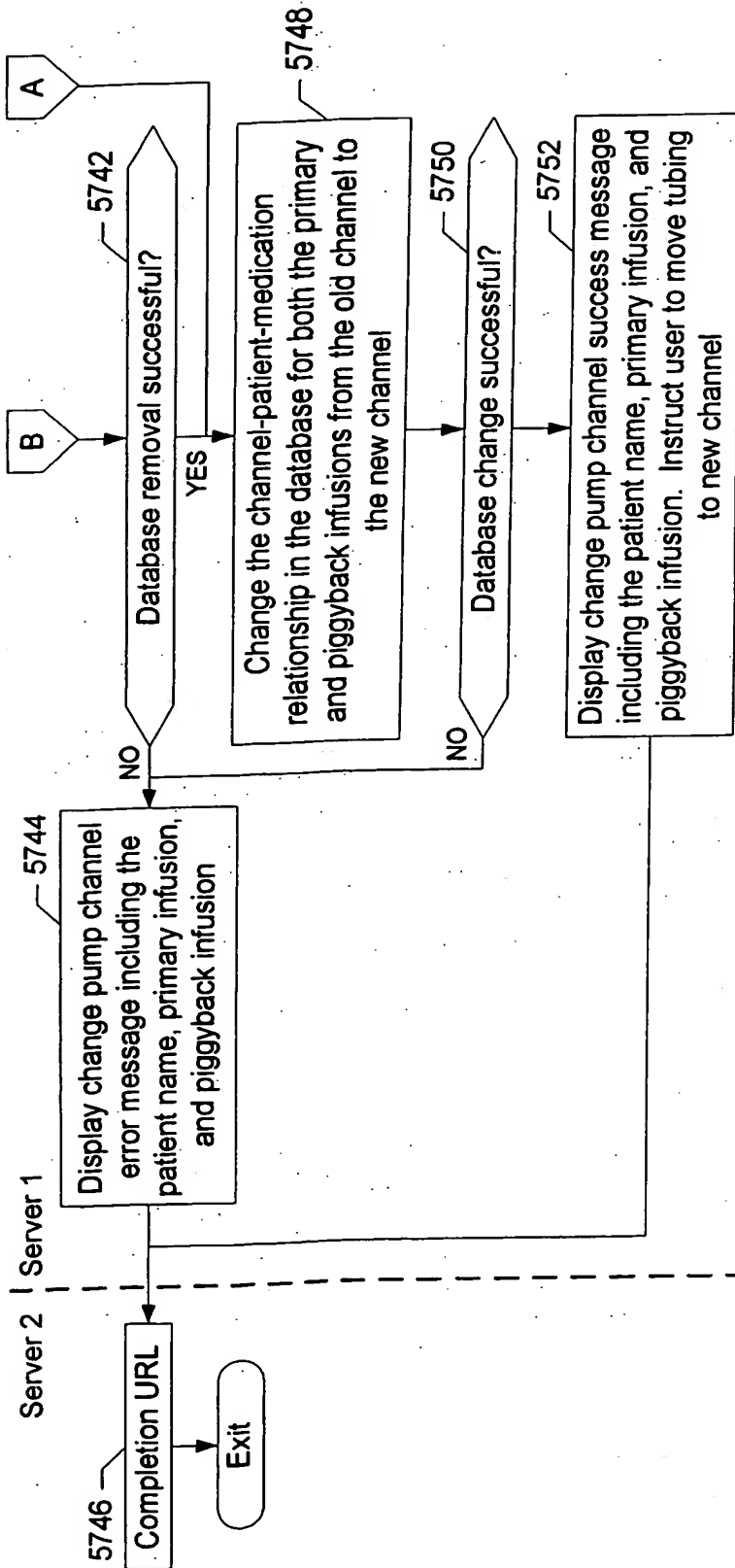


FIG. 57B

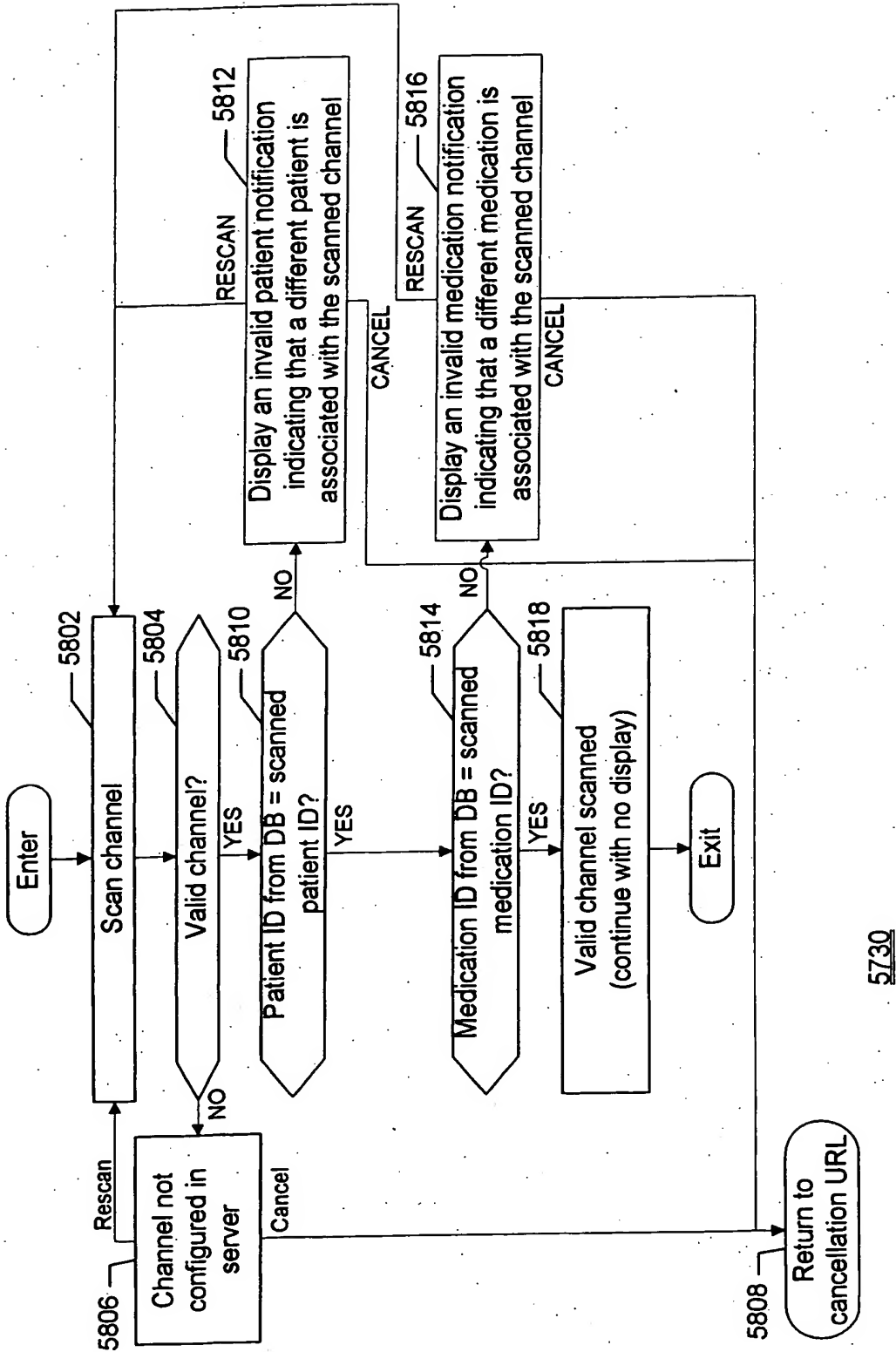


FIG. 58

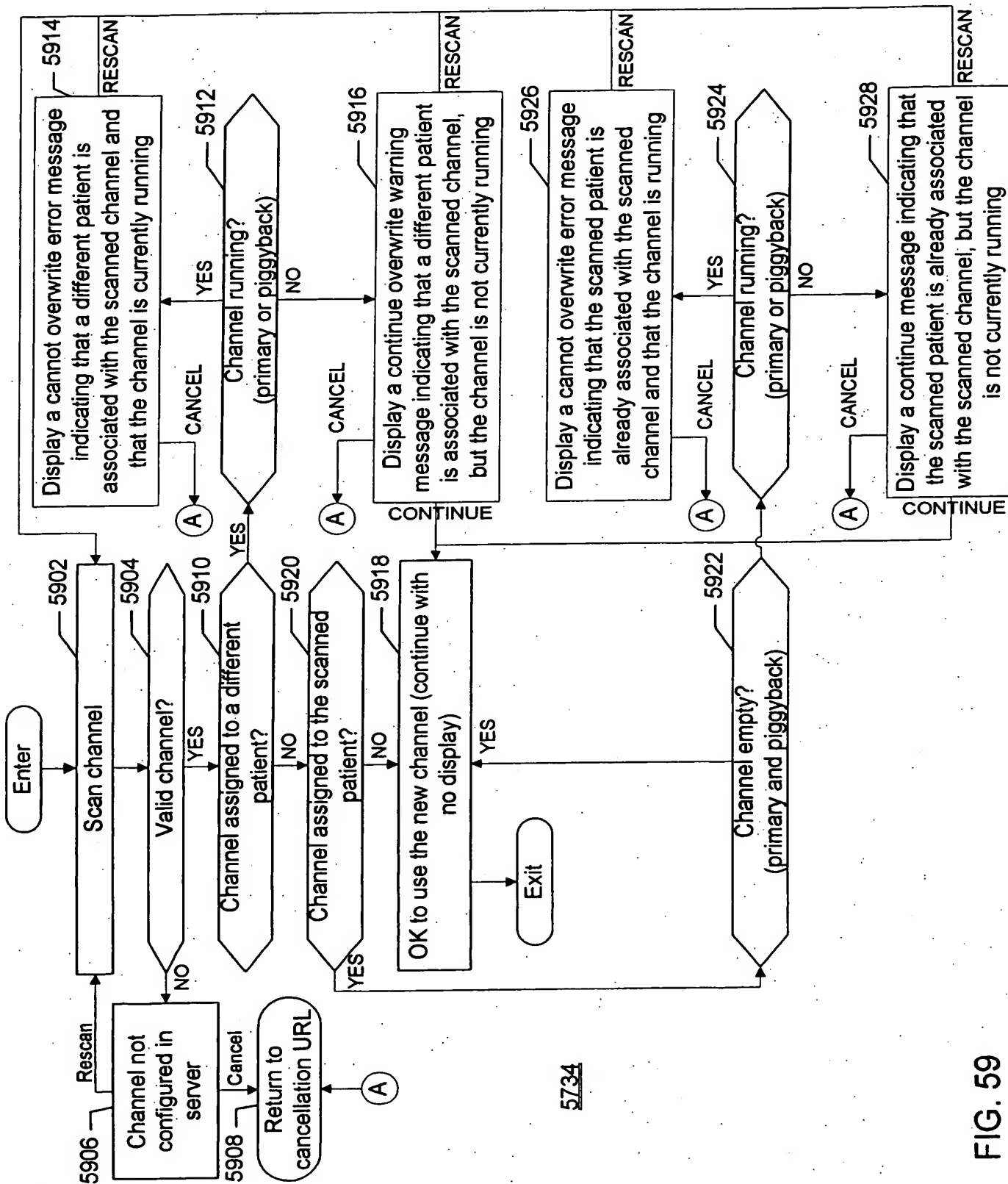


FIG. 59

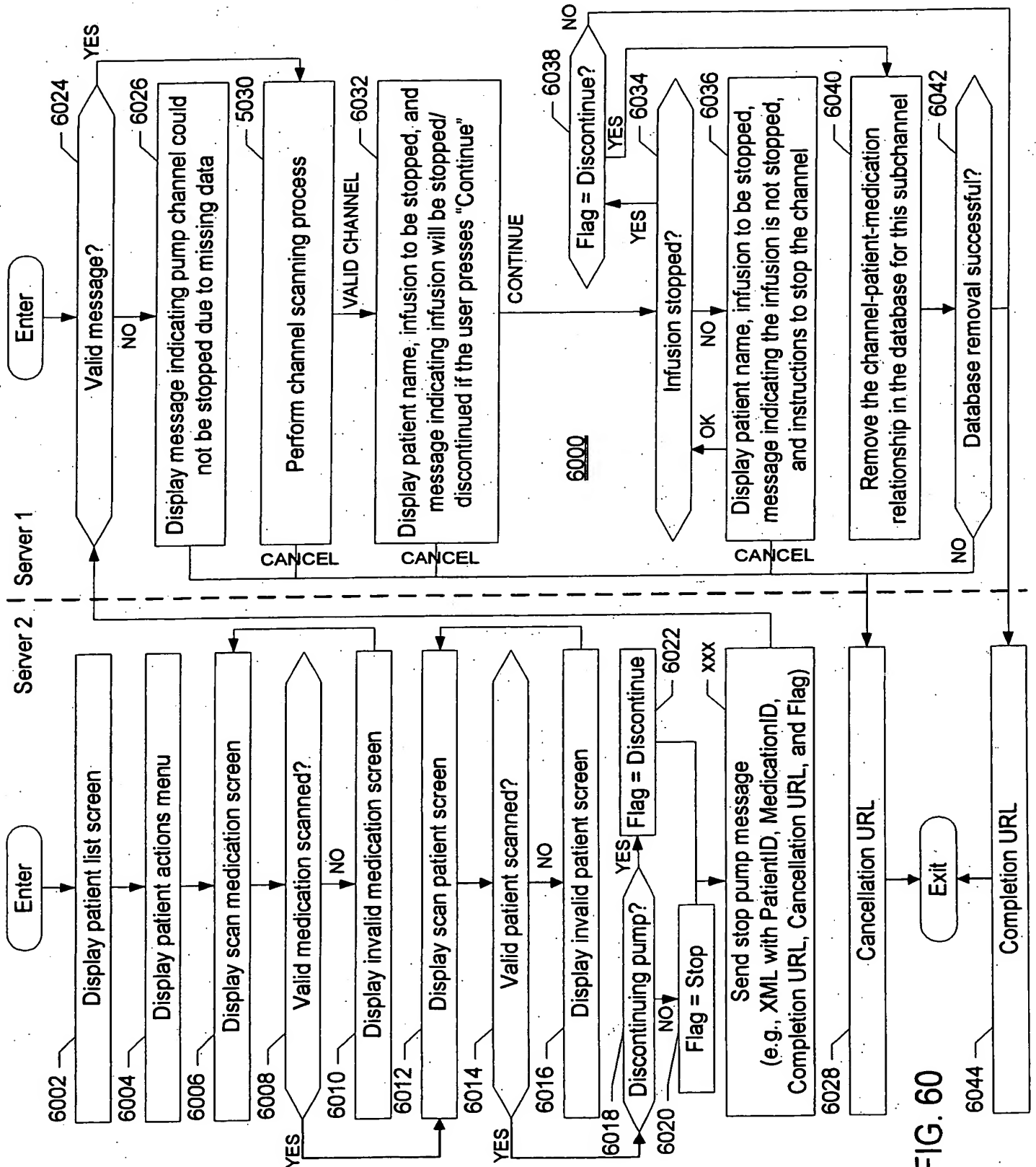


FIG. 60

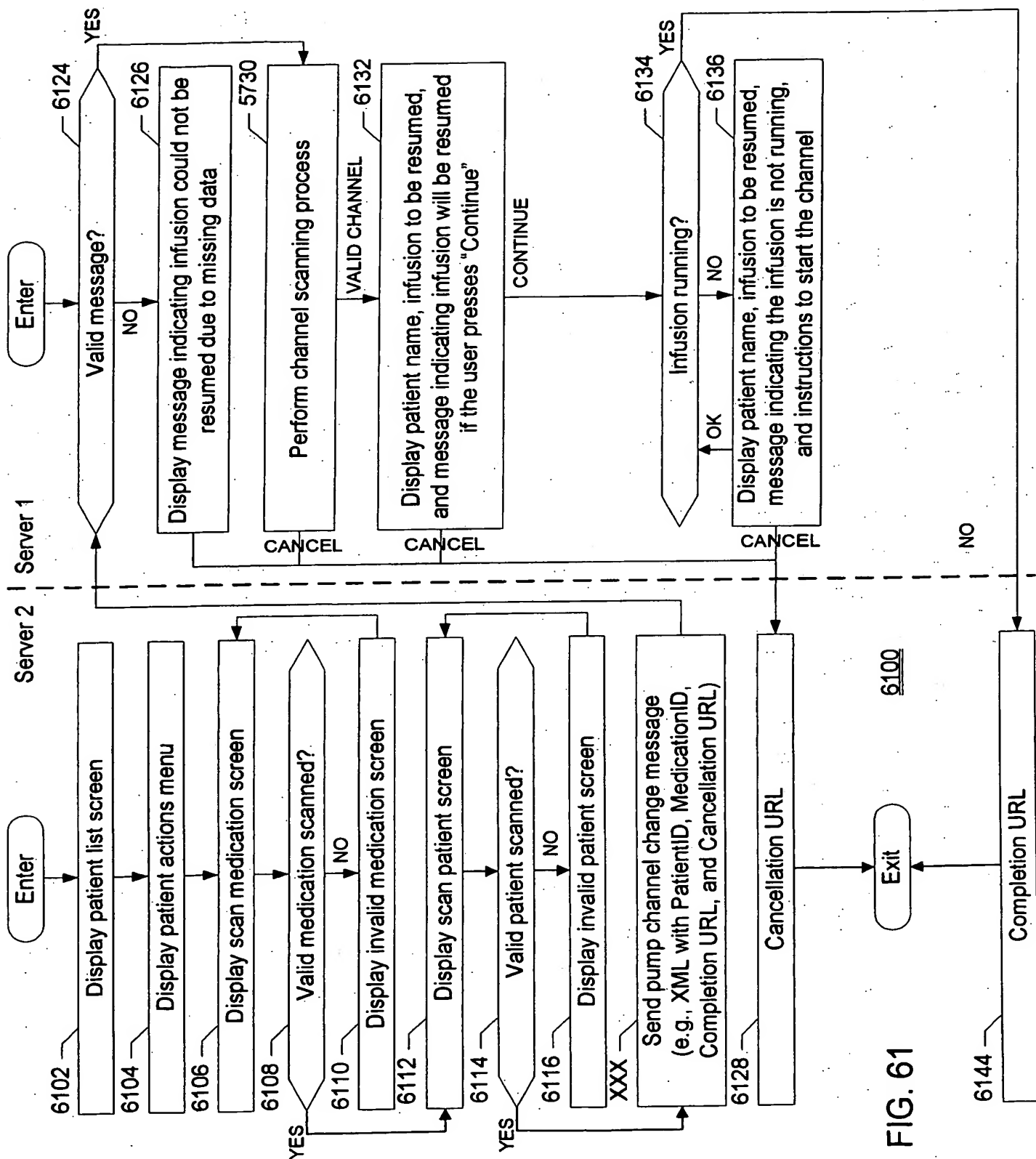


FIG. 61

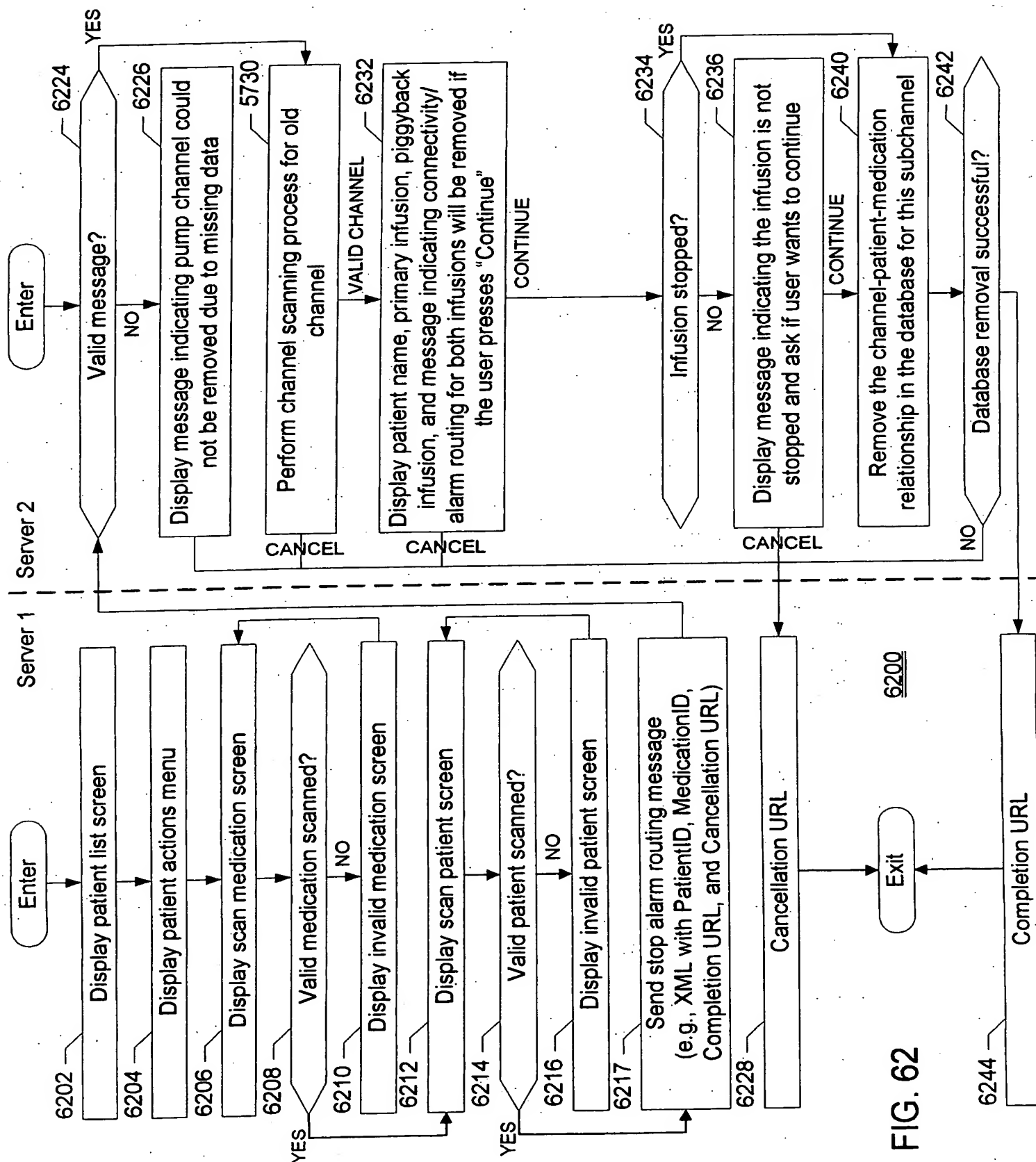


FIG. 62

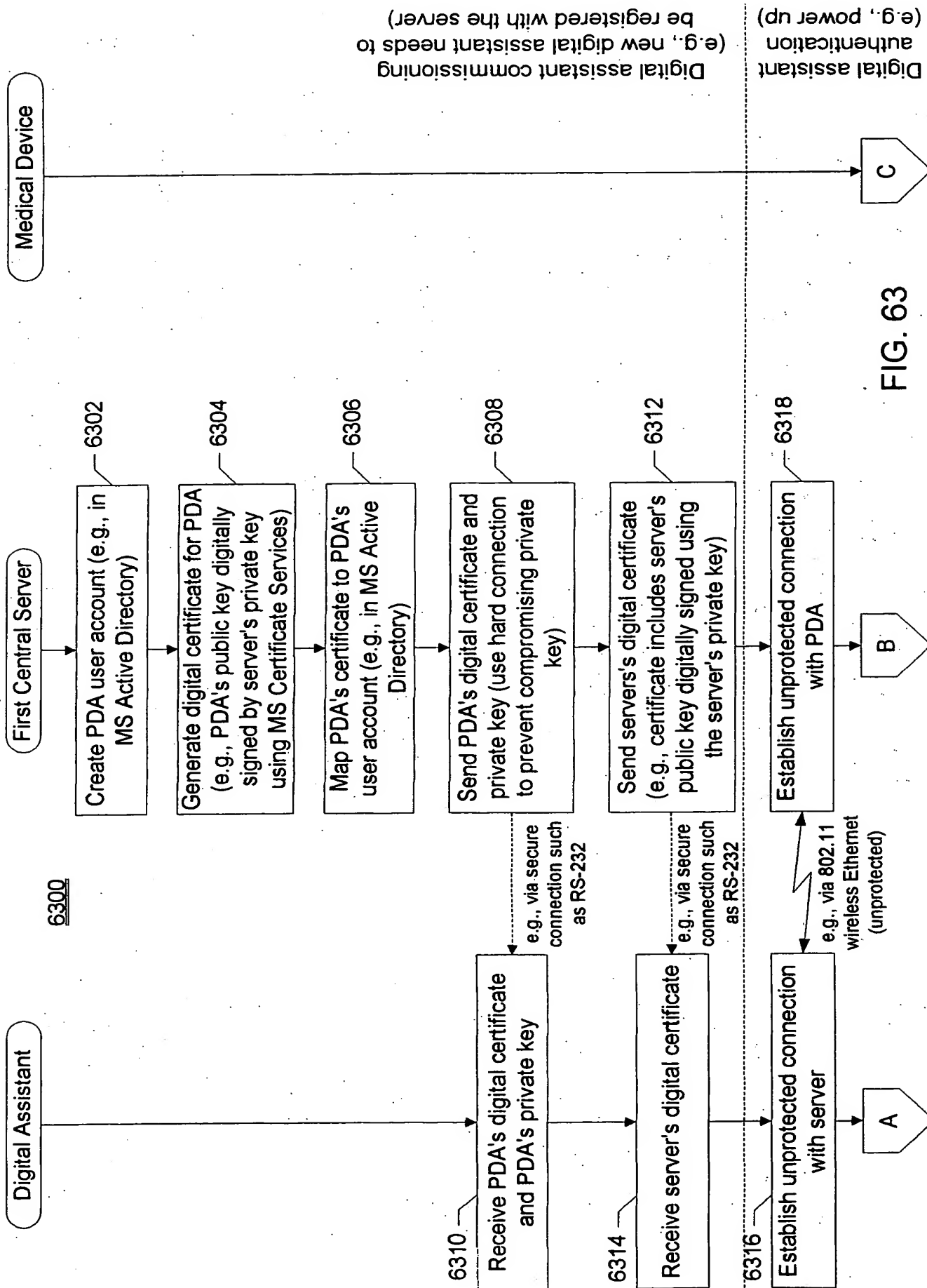
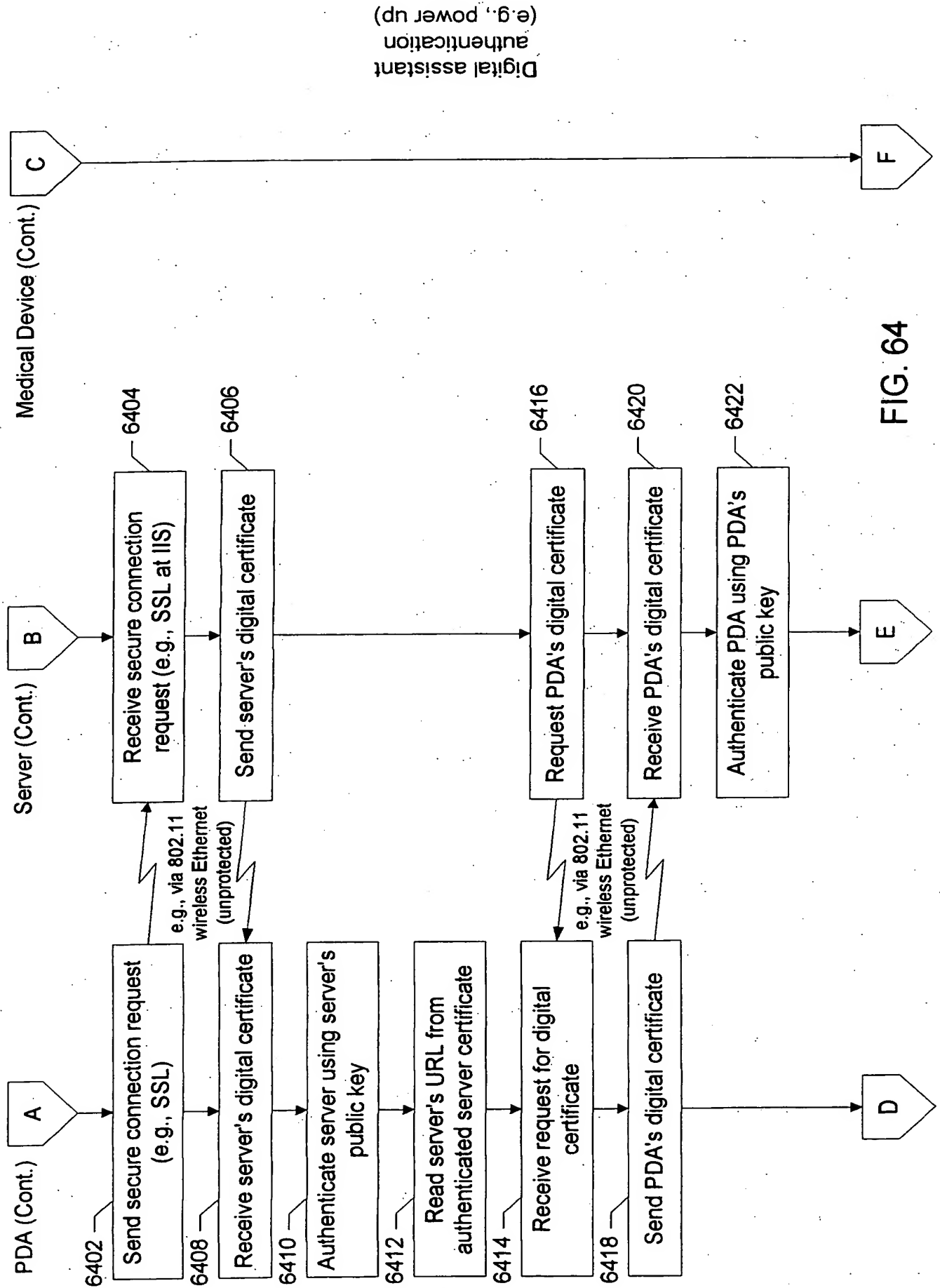


FIG. 63



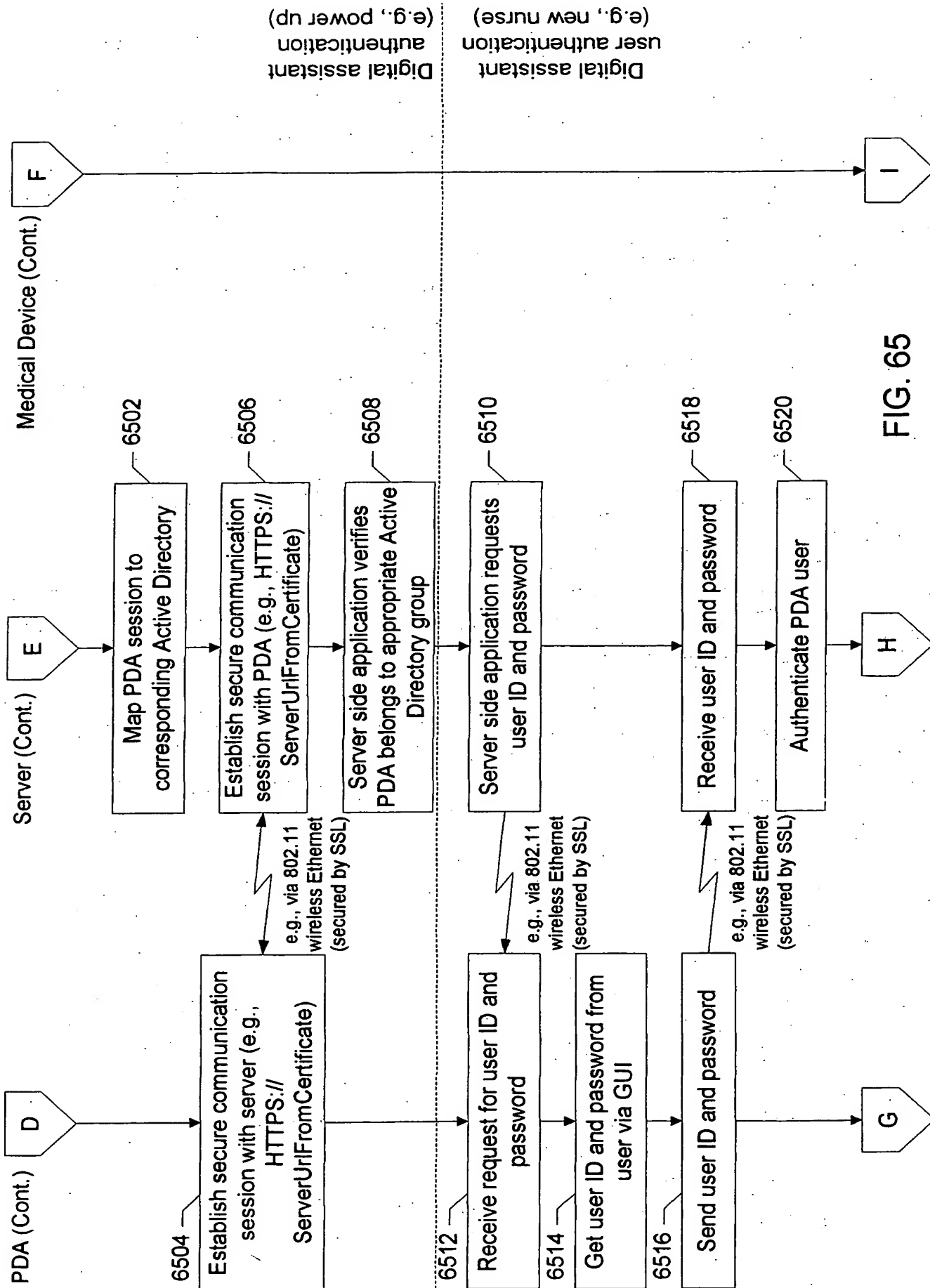


FIG. 65

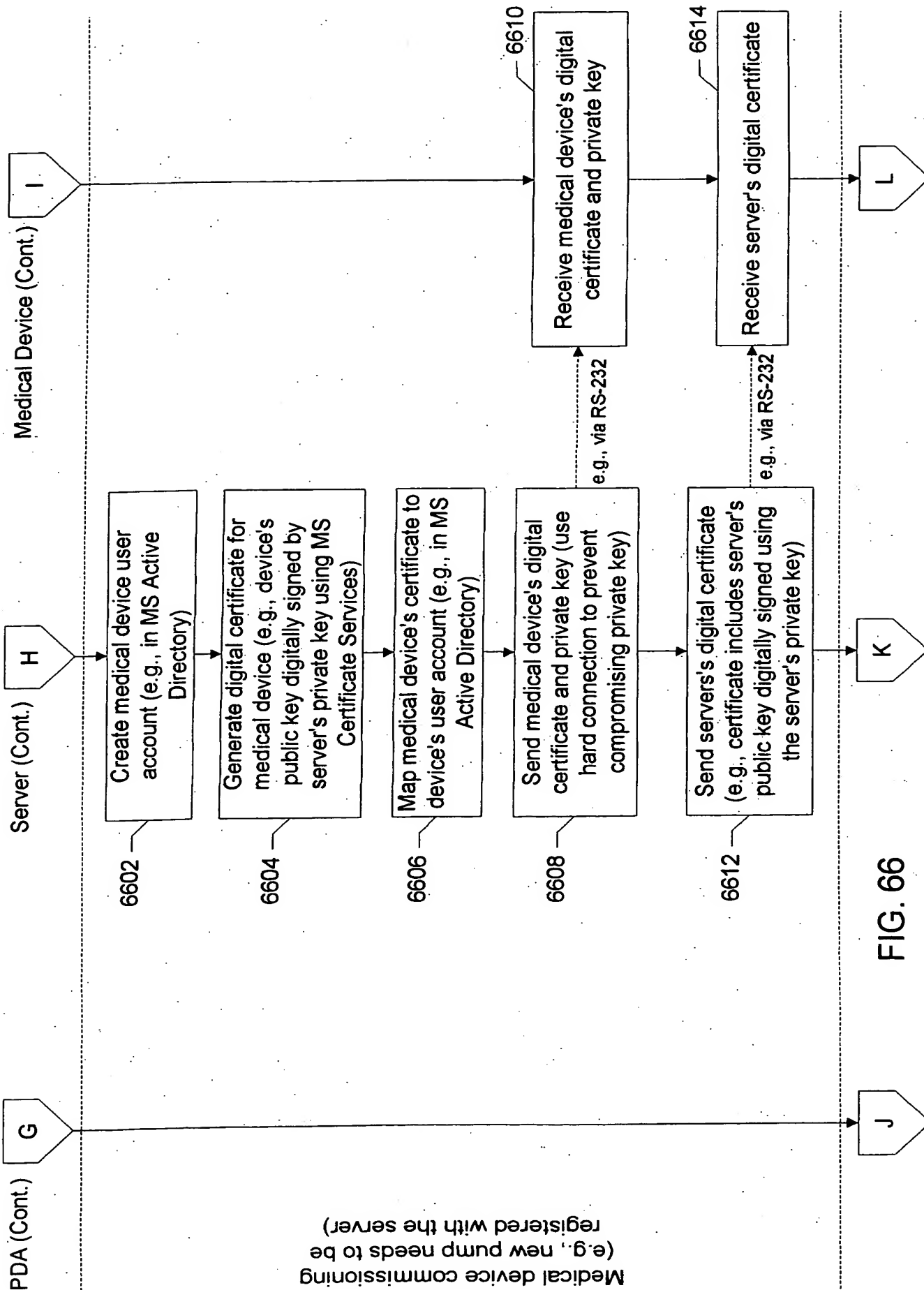


FIG. 66

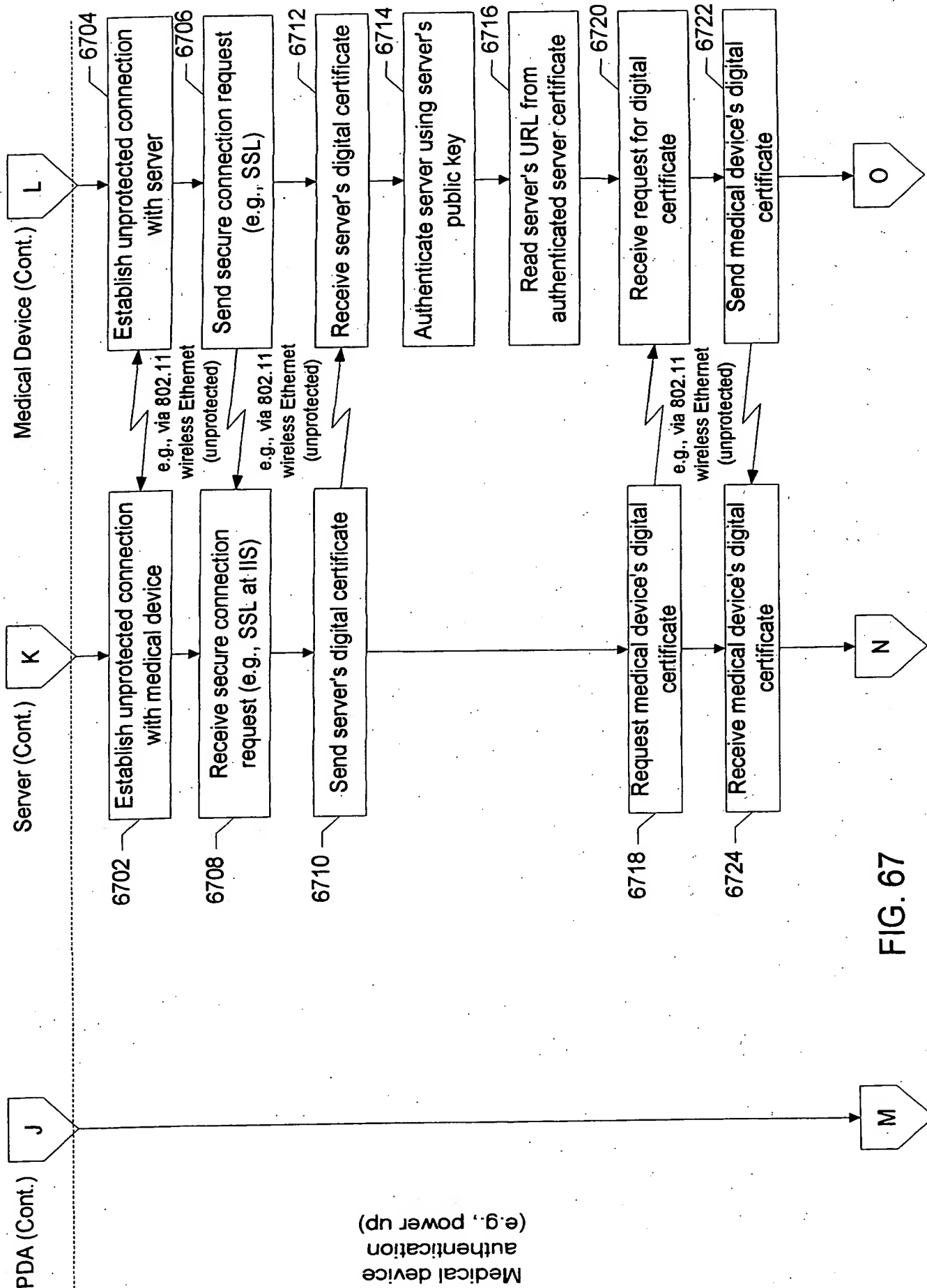


FIG. 67

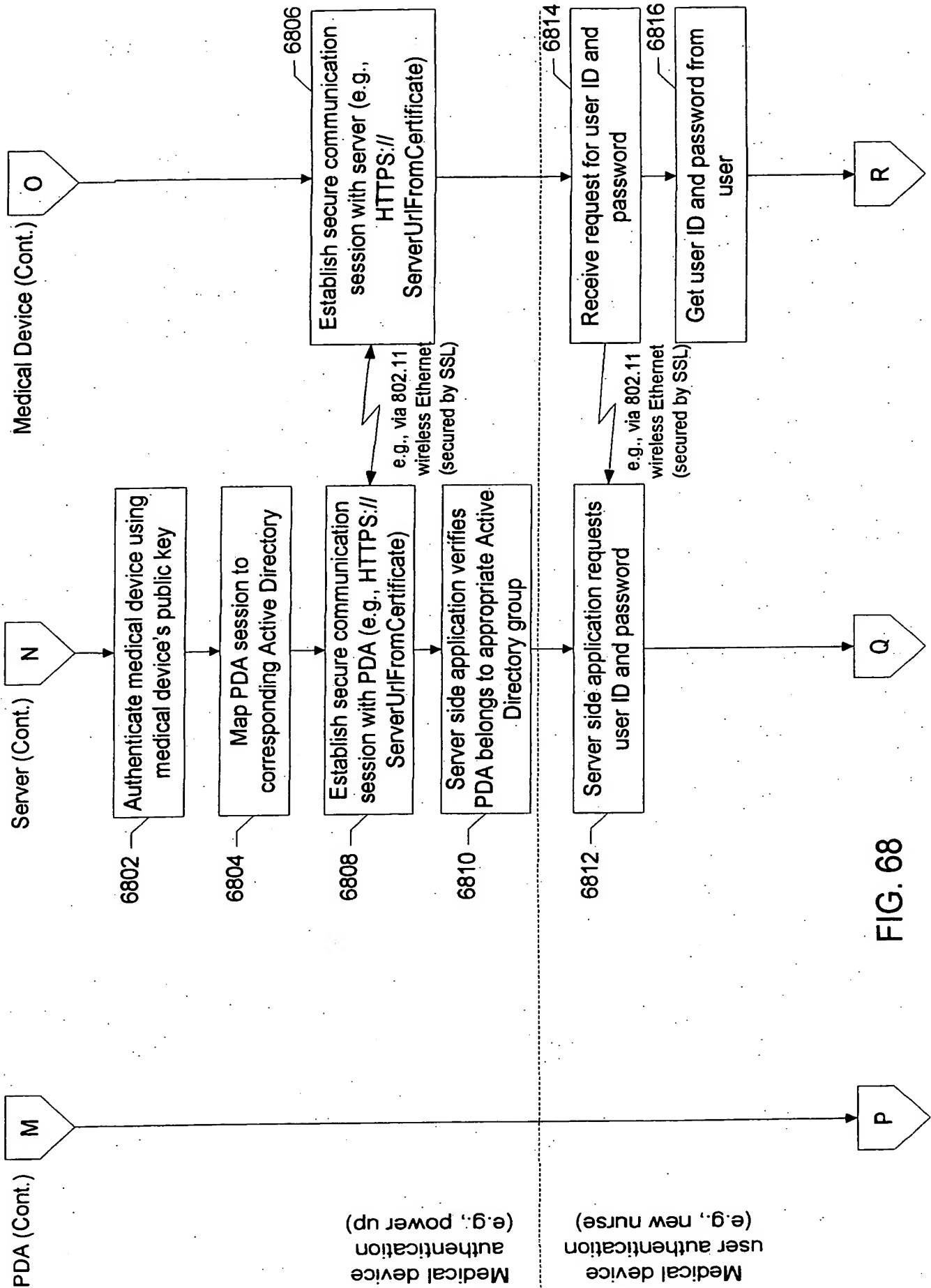


FIG. 68

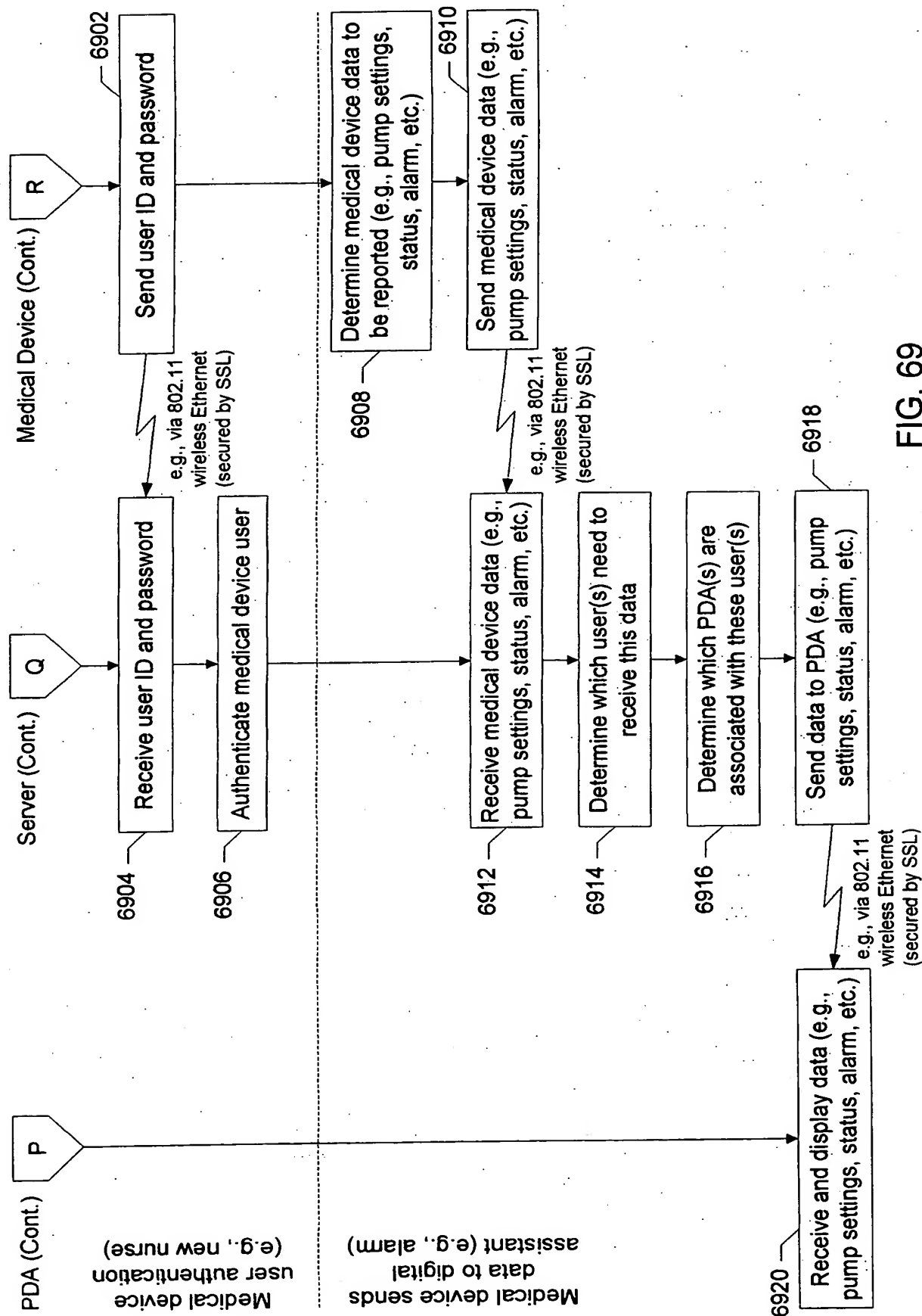


FIG. 69